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TRUE DISCOUNT TABLES

Showing

The Present Value of $1

due in

1 Day to 6 Months

on

2% to 6%

per annum

Basis

Progressing by $\frac{1}{8}$%

also

Variations of $\frac{1}{16}$% and $\frac{1}{20}$%

between

$3\frac{1}{2}$% & $4\frac{1}{2}$%

(360 Days per Annum)

Especially adapted to the rapid calculation of the flat price, on any day, of Bonds to run

6 Months or Less.

Compiled and Published by

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PREFACE.

These tables have been prepared with the idea of supplying a desirable adjunct to the Bond Tables now in use.

The results given yield the indicated basis from the date of the investment to maturity.

This method of calculating short time investments has become more or less general and is, in fact, the only correct way.

By means of the arrangement the results can be obtained easily and expeditiously.

It is immaterial whether the coupon is payable semi-annually or otherwise.

The tables give the present value of $1,000. bond, to which must always be added the proportionate value of the coupon.

They are arranged for bonds due in 6 months or less. If a bond runs longer than 6 months, the price (for 6 months or longer to run) may be taken from a bond table and the calculation for the fractional part of 6 months made by these tables.

If the bond table does not give sufficient decimals for larger amounts of bonds, the whole operation may be performed by these tables alone.

A number of problems can easily be solved with the assistance of these tables, as shown in the examples.

The range and variations of the basis rates of interest have been adopted with a view to meeting all probabilities in the present state of the money market.

If a basis, not included in the tables, happens to be one-half of, or double, any of the rates in the tables, the result may be found by an easy calculation as explained in the following pages.

This will be found convenient where bonds are issued for indefinite short periods, sometimes beyond 6 months, with full interest payable at maturity.

Brooklyn, June, 1905.

EXAMPLES.

I What is the Present Value of $1,000. due in 109 days, 2% Basis?

P. V. is $993.98	Proof:	$ 993.98
	109 days 2%	6.02
		$1,000.

II What is the flat price of $1,000. 4% Bond, due in 120 days, 2¾% Basis?

Amount of Bond plus Coupon is $1,020.

P. V. of $1,000, due in 120 days is $ 990.9166
+ 2% for coupon 19.8183
$1,010.7349

Flat price, $1,010.73	Proof:	$1,010.73
	120 days 2¾%	9.27
		$1,020.

III What is the flat price of $10,000. 5% Bonds, due in 9 mos. 3 days, 3½% Basis?

Value of Bonds,
6 mos. to run as per Bond Table is $10,074.
+ Coupons 250.
$10,324.
of which the P.V. due in 93 days is required.

P. V. of $10,000, due in 93 days as per Discount Tables is 9,910.3935 x 103.24
297.311805
19.8207870
3.96415740
10,231.49024940

Flat price, $10,231.49	Proof:	$10,231.49
	93 days 3½%	92.51
		$10,324.
	Less coupons	250.
		$10,074.

Value of Bonds, 6 mos. to run as per Bond Table.

If closer figuring be desired, the whole operation may be performed by the Discount Tables as follows:

Value of bond with coupon at maturity
is $1,025.

P. V. of $1,000 due in 6 mos. or 180 days is	$ 982.80098
P. V. of coupon " " " is $\frac{1}{40}$	24.5700245
	$1,007.3710045
+ coupon	25.
	$1,032.3710045

of which the P. V. due in 93 days is required.

P. V. of $1,000. due in 93 days
is 991.03935 x 1,0323710045

```
     29.7311805
      1.98207870
       .297311805
        693727545
          99103935
           396415740
            495519675
 1,023,120.289258527075
```

or $1,023,120.29,
exact within about 1 cent,
P. V. Flat Price of
$1,000,000. 5% Bonds
due in 9 mos. 3 days
on 3½% per annum basis.

Proof:	$1,023,120.29
93 days 3½%	9,250.71
	$1,032,371.
Less Coupons	25,000.
Value of bonds 6 mos. to run as above,	$1,007,371.

IV $996.56 paid for $1,000. due in 33 days.
What % realized?

Turn over the pages until the amount nearest to $996.56 opposite 33 days is found.

The basis is between 3¾% and 3.80%.

V What is the flat price of 6% Bond, 6 years 9 mos. 17 days to run, 4% basis?

The price 6½ years to run, is	$111.35
(as per Bond Table) Plus coupon	3.
	$114.35

of which the P. V. due in 107 days is required.

P. V. of $1,000. due in 107 days is 988.25 x 114.35.

```
      98.825
      39.5300
       2.96475        Proof:          $1,130.06
        .494125       107 days 4%         13.43
   1,130.063875                       $1,143.49
Flat price $1,130.06  Less coupon         30.
                                      $1,113.49
```

or $111.35 6½ years to run, as per Bond Table.

VI $1,000. 7% Bond, due in 75 days, offered at 102⅜. What basis?

Amount of Bond and Coupon at maturity is $1,035.

If $1,035 = $1,023.75

then 1,000 = 989.13

Look over the pages as before, for the amount nearest to $989.13, opposite 75 days.

The basis is 5.27½%, or close to 5¼%.

N. B.—The differences between amounts for different rates of basis for the same day are irregular. Half the difference, therefore, does not represent half the difference in the basis, and vice versa. While this method of taking the difference between 2 rates of basis can safely be used for amounts up to $100,000. the proper way to figure them is shown below.

The P. V. flat price on a basis not contained in the Tables, but which is ½ of one of rates in the Tables, for any day up to 360 days is the amount in Double the Basis Rate Table opposite Half the Required Number of Days.

VII What is the flat price of $1,000,000. 3¼% Bond with 8 mos. interest payable at maturity, 3% Basis, 7 mos. to run?

Amount of Bond with 8 mos. int. at 3¼% p. a. is	$1,021,666.67

P. V. of $1,000,000. due in 7 mos., 3% Basis, or 3½ mos., 6% Basis, is 98280098 x 1,021 (66667 or ⅔)

```
   196560196
   196560196   (x 1022 less ⅓)
100442260156
    32760033          Proof:          $1,004,095.
100409500123          7 mos. 3%         17,571.66
Flat price $1,004,095.                $1,021,666.66
```

VIII **What is the flat price of $1,000,000. 2¼% Bond with 6½ mos. interest payable at maturity, 2.20% Basis, 160 days to run?**

Amount of Bond with 6½ mos. int.
at 2¼% p. a. is $1,012,187.50

By Difference between Basis Rates.

P. V. of $1,000,000. due in
160 days, 2⅛% Basis = 99064392
P. V. of $1,000,000. due in
160 days 2¼% Basis = 99009901 99009901
Difference 54491
⅖ of which added to 2¼% 21796
Equals 2.20% Basis = 99031697

99031697 x 10121 (8750 or ⅞)
99031697
198063394 (x10122 less ⅛)
198063394
1002398837034
12378962
1002386458072

Flat price $1,002,386.46 Proof: $1,002,386.46
160 days 2.20% 9,801.11
Amount of Bond & Int. at maturity $1,012,187.57

By taking ½ the days in Double the Basis Rate Table.

P. V. of $1,000,000. due in 160 days
2.20% Basis or 80 days 4.40 Basis = $ 990,316.90
making the Flat Price $1,002,386.39
Plus interest as above 9,801.11
Amount of Bond & Int. at maturity $1,012,187.50

For the above amount it will be seen that there is a difference between the two calculations, the second being the correct one. For $100,000. the difference would be only 1 cent or 2, and for smaller amounts there would be none.

If a basis is double one of the rates in the Tables, the flat price can be found by taking Twice the Number of Days in Half the Basis Rate Table, the limit in this case being 90 days.

If the days are an even number the result will be correct, and if they are odd, there may be a difference of 1 cent or 2, owing to the fact that the difference between 2 amounts is taken. If the proof is made, however, this can be adjusted, thus insuring absolute correctness.

2% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99833611	60	99667774
1	99994445	1	99828074	1	99662256
2	99988890	2	99822538	2	99656738
3	99983336	3	99817002	3	99651221
4	99977783	4	99811467	4	99645704
5	99972230	5	99805933	5	99640188
6	99966678	6	99800399	6	99634673
7	99961126	7	99794866	7	99629158
8	99955575	8	99789334	8	99623644
9	99950025	9	99783802	9	99618131
10	99944475	40	99778271	70	99612618
1	99938926	1	99772740	1	99607105
2	99933378	2	99767210	2	99601594
3	99927830	3	99761680	3	99596083
4	99922283	4	99756152	4	99590572
5	99916736	5	99750623	5	99585062
6	99911190	6	99745096	6	99579553
7	99905645	7	99739569	7	99574044
8	99900100	8	99734043	8	99568536
9	99894556	9	99728517	9	99563029
20	99889012	50	99722992	80	99557522
1	99883469	1	99717467	1	99552016
2	99877927	2	99711943	2	99546510
3	99872385	3	99706420	3	99541005
4	99866844	4	99700897	4	99535501
5	99861304	5	99695375	5	99529997
6	99855764	6	99689854	6	99524494
7	99850225	7	99684333	7	99518992
8	99844686	8	99678813	8	99513490
9	99839148	9	99673293	9	99507988

2% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99502488	**120**	99337748	**150**	99173554
1	99496987	1	99332266	1	99168090
2	99491488	2	99326785	2	99162627
3	99485989	3	99321304	3	99157164
4	99480491	4	99315824	4	99151702
5	99474993	5	99310345	5	99146241
6	99469496	6	99304866	6	99140780
7	99464000	7	99299388	7	99135320
8	99458504	8	99293910	8	99129860
9	99453008	9	99288433	9	99124401
100	99447514	**130**	99282956	**160**	99118943
1	99442020	1	99277481	1	99113485
2	99436526	2	99272005	2	99108028
3	99431034	3	99266531	3	99102571
4	99425541	4	99261057	4	99097115
5	99420050	5	99255583	5	99091660
6	99414559	6	99250110	6	99086205
7	99409068	7	99244638	7	99080751
8	99403579	8	99239166	8	99075297
9	99398089	9	99233695	9	99069844
110	99392601	**140**	99228225	**170**	99064392
1	99387113	1	99222755	1	99058940
2	99381625	2	99217286	2	99053489
3	99376139	3	99211817	3	99048038
4	99370653	4	99206349	4	99042588
5	99365167	5	99200882	5	99037139
6	99359682	6	99195415	6	99031690
7	99354198	7	99189949	7	99026242
8	99348714	8	99184483	8	99020794
9	99343231	9	99179018	9	99015347
				180	99009901

$2\frac{1}{8}$% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99823230	60	99647083
1	99994098	1	99817348	1	99641222
2	99988196	2	99811467	2	99635362
3	99982295	3	99805587	3	99629503
4	99976394	4	99799708	4	99623644
5	99970495	5	99793829	5	99617786
6	99964596	6	99787951	6	99611929
7	99958698	7	99782073	7	99606072
8	99952800	8	99776196	8	99600216
9	99946903	9	99770320	9	99594360
10	99941007	40	99764445	70	99588506
1	99935112	1	99758570	1	99582652
2	99929217	2	99752696	2	99576799
3	99923323	3	99746823	3	99570946
4	99917429	4	99740951	4	99565094
5	99911537	5	99735079	5	99559243
6	99905645	6	99729207	6	99553392
7	99899753	7	99723337	7	99547543
8	99893863	8	99717467	8	99541693
9	99887973	9	99711598	9	99535845
20	99882084	50	99705730	80	99529997
1	99876195	1	99699862	1	99524150
2	99870307	2	99693995	2	99518304
3	99864420	3	99688128	3	99512458
4	99858534	4	99682263	4	99506613
5	99852648	5	99676398	5	99500769
6	99846763	6	99670534	6	99494925
7	99840879	7	99664670	7	99489082
8	99834995	8	99658807	8	99483240
9	99829112	9	99652945	9	99477398

$2\frac{1}{8}\%$ Basis.

Present Value of $1. Due in

Days		Days		Days	
90	99471557	120	99296649	150	99122354
1	99465717	1	99290829	1	99116555
2	99459878	2	99285010	2	99110756
3	99454039	3	99279192	3	99104958
4	99448201	4	99273374	4	99099161
5	99442363	5	99267557	5	99093365
6	99436526	6	99261741	6	99087569
7	99430690	7	99255925	7	99081773
8	99424855	8	99250110	8	99075979
9	99419020	9	99244296	9	99070185
100	99413187	130	99238482	160	99064392
1	99407353	1	99232670	1	99058599
2	99401520	2	99226857	2	99052808
3	99395688	3	99221046	3	99047016
4	99389857	4	99215235	4	99041226
5	99384026	5	99209425	5	99035436
6	99378196	6	99203615	6	99029647
7	99372367	7	99197807	7	99023859
8	99366538	8	99191999	8	99018071
9	99360710	9	99186191	9	99012284
110	99354883	140	99180384	170	99006497
1	99349057	1	99174578	1	99000712
2	99343231	2	99168773	2	98994927
3	99337406	3	99162968	3	98989142
4	99331581	4	99157164	4	98983358
5	99325757	5	99151361	5	98977575
6	99319934	6	99145558	6	98971793
7	99314112	7	99139756	7	98966011
8	99308290	8	99133955	8	98960230
9	99302469	9	99128154	9	98954450
				180	98948670

2¼ % Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99812851	**60**	99626401
1	99993750	1	99806625	1	99620198
2	99987502	2	99800399	2	99613996
3	99981254	3	99794175	3	99607794
4	99975006	4	99787951	4	99601594
5	99968760	5	99781727	5	99595394
6	99962514	6	99775505	6	99589195
7	99956269	7	99769284	7	99582996
8	99950025	8	99763063	8	99576799
9	99943782	9	99756843	9	99570602
10	99937539	**40**	99750623	**70**	99564406
1	99931297	1	99744405	1	99558210
2	99925056	2	99738187	2	99552016
3	99918816	3	99731970	3	99545822
4	99912576	4	99725754	4	99539629
5	99906338	5	99719539	5	99533437
6	99900100	6	99713324	6	99527246
7	99893863	7	99707110	7	99521055
8	99887626	8	99700897	8	99514865
9	99881391	9	99694685	9	99508676
20	99875156	**50**	99688474	**80**	99502488
1	99868922	1	99682263	1	99496300
2	99862689	2	99676053	2	99490113
3	99856456	3	99669844	3	99483927
4	99850225	4	99663635	4	99477742
5	99843994	5	99657428	5	99471557
6	99837764	6	99651221	6	99465374
7	99831534	7	99645015	7	99459191
8	99825306	8	99638809	8	99453008
9	99819078	9	99632605	9	99446827

2¼% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99440646	**120**	99255583	**150**	99071207
1	99434466	1	99249426	1	99065073
2	99428287	2	99243270	2	99058940
3	99422109	3	99237115	3	99052808
4	99415931	4	99230960	4	99046676
5	99409755	5	99224806	5	99040545
6	99403579	6	99218653	6	99034414
7	99397403	7	99212501	7	99028285
8	99391229	8	99206349	8	99022156
9	99385055	9	99200198	9	99016028
100	99378882	**130**	99194048	**160**	99009901
1	99372710	1	99187899	1	99003775
2	99366538	2	99181751	2	98997649
3	99360368	3	99175603	3	98991524
4	99354198	4	99169456	4	98985400
5	99348029	5	99163310	5	98979276
6	99341860	6	99157164	6	98973154
7	99335693	7	99151019	7	98967032
8	99329526	8	99144875	8	98960910
9	99323360	9	99138732	9	98954790
110	99317194	**140**	99132590	**170**	98948670
1	99311030	1	99126448	1	98942551
2	99304866	2	99120307	2	98936433
3	99298703	3	99114167	3	98930316
4	99292541	4	99108028	4	98924199
5	99286379	5	99101889	5	98918083
6	99280218	6	99095751	6	98911968
7	99274058	7	99089614	7	98905854
8	99267899	8	99083478	8	98899740
9	99261741	9	99077342	9	98893628
				180	98887515

$2\frac{3}{8}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99802474	60	99605727
1	99993403	1	99795904	1	99599182
2	99986807	2	99789334	2	99592638
3	99980212	3	99782765	3	99586095
4	99973618	4	99776196	4	99579553
5	99967025	5	99769629	5	99573012
6	99960432	6	99763063	6	99566471
7	99953841	7	99756497	7	99559931
8	99947250	8	99749932	8	99553392
9	99940660	9	99743369	9	99546854
10	99934071	40	99736806	70	99540317
1	99927483	1	99730244	1	99533781
2	99920896	2	99723682	2	99527246
3	99914310	3	99717122	3	99520711
4	99907724	4	99710562	4	99514177
5	99901139	5	99704004	5	99507644
6	99894556	6	99697446	6	99501112
7	99887973	7	99690889	7	99494581
8	99881391	8	99684333	8	99488051
9	99874810	9	99677778	9	99481522
20	99868229	50	99671223	80	99474993
1	99861650	1	99664670	1	99468465
2	99855071	2	99658117	2	99461938
3	99848494	3	99651566	3	99455413
4	99841917	4	99645015	4	99448887
5	99835341	5	99638465	5	99442363
6	99828766	6	99631915	6	99435840
7	99822192	7	99625367	7	99429317
8	99815618	8	99618820	8	99422795
9	99809046	9	99612273	9	99416275

$2\frac{3}{8}\%$ Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
90	99409755	**120**	99214551	**150**	99020113
1	99403235	1	99208058	1	99013645
2	99396717	2	99201565	2	99007178
3	99390200	3	99195073	3	99000712
4	99383683	4	99188582	4	98994246
5	99377167	5	99182092	5	98987781
6	99370653	6	99175603	6	98981317
7	99364139	7	99169114	7	98974854
8	99357625	8	99162627	8	98968392
9	99351113	9	99156140	9	98961931
100	99344602	**130**	99149654	**160**	98955470
1	99338091	1	99143169	1	98949010
2	99331581	2	99136685	2	98942551
3	99325072	3	99130201	3	98936092
4	99318564	4	99123719	4	98929636
5	99312057	5	99117237	5	98923180
6	99305551	6	99110756	6	98916724
7	99299045	7	99104276	7	98910270
8	99292541	8	99097797	8	98903816
9	99286037	9	99091319	9	98897363
110	99279534	**140**	99084841	**170**	98890911
1	99273032	1	99078365	1	98884460
2	99266531	2	99071889	2	98878009
3	99260030	3	99065414	3	98871560
4	99253531	4	99058940	4	98865111
5	99247032	5	99052467	5	98858663
6	99240534	6	99045994	6	98852216
7	99234037	7	99039523	7	98845770
8	99227541	8	99033052	8	98839324
9	99221046	9	99026582	9	98832880
				180	98826436

2½% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99792100	60	99585062
1	99993056	1	99785185	1	99578176
2	99986113	2	99778271	2	99571290
3	99979171	3	99771357	3	99564406
4	99972230	4	99764445	4	99557522
5	99965290	5	99757534	5	99550639
6	99958351	6	99750623	6	99543758
7	99951413	7	99743714	7	99536877
8	99944475	8	99736806	8	99529997
9	99937539	9	99729898	9	99523118
10	99930604	40	99722992	70	99516240
1	99923669	1	99716086	1	99509364
2	99916736	2	99709182	2	99502488
3	99909804	3	99702278	3	99495613
4	99902872	4	99695375	4	99488738
5	99895942	5	99688474	5	99481865
6	99889012	6	99681573	6	99474993
7	99882084	7	99674673	7	99468122
8	99875156	8	99667774	8	99461252
9	99868229	9	99660876	9	99454382
20	99861304	50	99653979	80	99447514
1	99854379	1	99647083	1	99440646
2	99847455	2	99640188	2	99433780
3	99840532	3	99633294	3	99426914
4	99833611	4	99626401	4	99420050
5	99826690	5	99619509	5	99413187
6	99819770	6	99612618	6	99406323
7	99812851	7	99605727	7	99399462
8	99805933	8	99598838	8	99392601
9	99799016	9	99591950	9	99385741

2½% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99378882	**120**	99173554	**150**	98969072
1	99372024	1	99166724	1	98962271
2	99365167	2	99159895	2	98955470
3	99358311	3	99153068	3	98948670
4	99351456	4	99146241	4	98941872
5	99344602	5	99139415	5	98935074
6	99337748	6	99132590	6	98928277
7	99330896	7	99125766	7	98921481
8	99324045	8	99118943	8	98914686
9	99317194	9	99112121	9	98907892
100	99310345	**130**	99105299	**160**	98901099
1	99303496	1	99098479	1	98894307
2	99296649	2	99091660	2	98887515
3	99289802	3	99084841	3	98880725
4	99282956	4	99078024	4	98873936
5	99276112	5	99071207	5	98867147
6	99269268	6	99064392	6	98860360
7	99262425	7	99057577	7	98853573
8	99255583	8	99050764	8	98846787
9	99248742	9	99043951	9	98840003
110	99241902	**140**	99037139	**170**	98833219
1	99235063	1	99030328	1	98826436
2	99228225	2	99023518	2	98819654
3	99221388	3	99016709	3	98812873
4	99214551	4	99009901	4	98806093
5	99207716	5	99003094	5	98799314
6	99200882	6	98996288	6	98792536
7	99194048	7	98989482	7	98785758
8	99187216	8	98982678	8	98778982
9	99180384	9	98975875	9	98772207
				180	98765432

$2\frac{5}{8}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99781727	60	99564406
1	99992709	1	99774468	1	99557178
2	99985419	2	99767210	2	99549951
3	99978130	3	99759953	3	99542726
4	99970842	4	99752696	4	99535501
5	99963555	5	99745441	5	99528277
6	99956269	6	99738187	6	99521055
7	99948984	7	99730934	7	99513833
8	99941701	8	99723682	8	99506613
9	99934418	9	99716431	9	99499394
10	99927136	40	99709182	70	99492175
1	99919856	1	99701933	1	99484958
2	99912576	2	99694685	2	99477742
3	99905298	3	99687438	3	99470527
4	99898021	4	99680193	4	99463313
5	99890744	5	99672948	5	99456099
6	99883469	6	99665705	6	99448887
7	99876195	7	99658462	7	99441676
8	99868922	8	99651221	8	99434466
9	99861650	9	99643980	9	99427258
20	99854379	50	99636741	80	99420050
1	99847109	1	99629503	1	99412843
2	99839840	2	99622266	2	99405637
3	99832572	3	99615029	3	99398432
4	99825306	4	99607794	4	99391229
5	99818040	5	99600560	5	99384026
6	99810775	6	99593327	6	99376824
7	99803512	7	99586095	7	99369624
8	99796249	8	99578864	8	99362424
9	99788988	9	99571635	9	99355226

$2\frac{5}{8}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99348029	**120**	99132590	**150**	98918083
1	99340832	1	99125425	1	98910949
2	99333637	2	99118260	2	98903816
3	99326443	3	99111097	3	98896684
4	99319249	4	99103935	4	98889553
5	99312057	5	99096774	5	98882423
6	99304866	6	99089614	6	98875294
7	99297676	7	99082455	7	98868165
8	99290487	8	99075297	8	98861038
9	99283299	9	99068140	9	98853912
100	99276112	**130**	99060984	**160**	98846787
1	99268926	1	99053830	1	98839664
2	99261741	2	99046676	2	98832541
3	99254557	3	99039523	3	98825419
4	99247374	4	99032371	4	98818298
5	99240192	5	99025220	5	98811178
6	99233012	6	99018071	6	98804059
7	99225832	7	99010922	7	98796941
8	99218653	8	99003775	8	98789825
9	99211475	9	98996628	9	98782709
110	99204299	**140**	98989482	**170**	98775594
1	99197123	1	98982338	1	98768481
2	99189949	2	98975194	2	98761368
3	99182775	3	98968052	3	98754256
4	99175603	4	98960910	4	98747146
5	99168431	5	98953770	5	98740036
6	99161261	6	98946631	6	98732927
7	99154092	7	98939492	7	98725820
8	99146923	8	98932355	8	98718713
9	99139756	9	98925219	9	98711608
				180	98704503

2¾% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99771357	60	99543758
1	99992362	1	99763754	1	99536189
2	99984725	2	99756152	2	99528621
3	99977089	3	99748551	3	99521055
4	99969454	4	99740951	4	99513490
5	99961820	5	99733352	5	99505925
6	99954188	6	99725754	6	99498362
7	99946556	7	99718158	7	99490801
8	99938926	8	99710562	8	99483240
9	99931297	9	99702968	9	99475680
10	99923669	40	99695375	70	99468122
1	99916043	1	99687783	1	99460565
2	99908417	2	99680193	2	99453008
3	99900793	3	99672603	3	99445453
4	99893170	4	99665015	4	99437900
5	99885548	5	99657428	5	99430347
6	99877927	6	99649842	6	99422795
7	99870307	7	99642257	7	99415245
8	99862689	8	99634673	8	99407696
9	99855071	9	99627090	9	99400148
20	99847455	50	99619509	80	99392601
1	99839840	1	99611929	1	99385055
2	99832226	2	99604349	2	99377510
3	99824614	3	99596771	3	99369967
4	99817002	4	99589195	4	99362424
5	99809392	5	99581619	5	99354883
6	99801783	6	99574044	6	99347343
7	99794175	7	99566471	7	99339804
8	99786568	8	99558899	8	99332266
9	99778962	9	99551328	9	99324730

$2\frac{3}{4}\%$ Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
90	99317194	120	99091660	150	98867147
1	99309660	1	99084160	1	98859681
2	99302127	2	99076661	2	98852216
3	99294595	3	99069163	3	98844752
4	99287064	4	99061666	4	98837289
5	99279534	5	99054170	5	98829827
6	99272005	6	99046676	6	98822367
7	99264477	7	99039182	7	98814907
8	99256951	8	99031690	8	98807449
9	99249426	9	99024199	9	98799992
100	99241902	130	99016709	160	98792536
1	99234379	1	99009220	1	98785081
2	99226857	2	99001733	2	98777627
3	99219337	3	98994246	3	98770174
4	99211817	4	98986761	4	98762723
5	99204299	5	98979276	5	98755272
6	99196782	6	98971793	6	98747823
7	99189266	7	98964311	7	98740375
8	99181751	8	98956830	8	98732927
9	99174237	9	98949350	9	98725481
110	99166724	140	98941872	170	98718037
1	99159213	1	98934394	1	98710593
2	99151702	2	98926918	2	98703150
3	99144193	3	98919442	3	98695709
4	99136685	4	98911968	4	98688268
5	99129178	5	98904495	5	98680829
6	99121672	6	98897023	6	98673391
7	99114167	7	98889553	7	98665954
8	99106664	8	98882083	8	98658518
9	99099161	9	98874615	9	98651083
				180	98643650

$2\frac{7}{8}\%$ Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
		30	99760989	60	99523118
1	99992015	1	99753042	1	99515209
2	99984030	2	99745096	2	99507301
3	99976047	3	99737151	3	99499394
4	99968066	4	99729207	4	99491488
5	99960085	5	99721265	5	99483583
6	99952106	6	99713324	6	99475680
7	99944128	7	99705384	7	99467778
8	99936152	8	99697446	8	99459878
9	99928177	9	99689509	9	99451978
10	99920203	40	99681573	70	99444080
1	99912230	1	99673638	1	99436183
2	99904258	2	99665705	2	99428287
3	99896288	3	99657772	3	99420393
4	99888319	4	99649842	4	99412500
5	99880352	5	99641912	5	99404608
6	99872385	6	99633983	6	99396717
7	99864420	7	99626056	7	99388828
8	99856456	8	99618131	8	99380940
9	99848494	9	99610206	9	99373053
20	99840532	50	99602283	80	99365167
1	99832572	1	99594360	1	99357283
2	99824614	2	99586440	2	99349399
3	99816656	3	99578520	3	99341518
4	99808700	4	99570602	4	99333637
5	99800745	5	99562685	5	99325757
6	99792791	6	99554769	6	99317879
7	99784839	7	99546854	7	99310002
8	99776888	8	99538941	8	99302127
9	99768938	9	99531029	9	99294252

$2\frac{7}{8}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99286379	**120**	99050764	**150**	98816264
1	99278507	1	99042929	1	98808466
2	99270637	2	99035096	2	98800670
3	99262767	3	99027263	3	98792875
4	99254899	4	99019433	4	98785081
5	99247032	5	99011603	5	98777288
6	99239166	6	99003775	6	98769497
7	99231302	7	98995947	7	98761707
8	99223439	8	98988121	8	98753918
9	99215577	9	98980297	9	98746130
100	99207716	**130**	98972473	**160**	98738343
1	99199857	1	98964651	1	98730558
2	99191999	2	98956830	2	98722774
3	99184142	3	98949010	3	98714991
4	99176286	4	98941192	4	98707210
5	99168431	5	98933375	5	98699429
6	99160578	6	98925559	6	98691650
7	99152726	7	98917744	7	98683872
8	99144875	8	98909930	8	98676096
9	99137026	9	98902118	9	98668320
110	99129178	**140**	98894307	**170**	98660546
1	99121331	1	98886497	1	98652773
2	99113485	2	98878688	2	98645001
3	99105640	3	98870881	3	98637231
4	99097797	4	98863075	4	98629461
5	99089955	5	98855270	5	98621693
6	99082114	6	98847466	6	98613926
7	99074275	7	98839664	7	98606161
8	99066436	8	98831862	8	98598396
9	99058599	9	98824062	9	98590633
				180	98582871

3% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99750623	60	99502488
1	99991667	1	99742332	1	99494238
2	99983336	2	99734043	2	99485989
3	99975006	3	99725754	3	99477742
4	99966678	4	99717467	4	99469496
5	99958351	5	99709182	5	99461252
6	99950025	6	99700897	6	99453008
7	99941701	7	99692614	7	99444767
8	99933378	8	99684333	8	99436526
9	99925056	9	99676053	9	99428287
10	99916736	40	99667774	70	99420050
1	99908417	1	99659497	1	99411813
2	99900100	2	99651221	2	99403579
3	99891784	3	99642946	3	99395345
4	99883469	4	99634673	4	99387113
5	99875156	5	99626401	5	99378882
6	99866844	6	99618131	6	99370653
7	99858534	7	99609861	7	99362424
8	99850225	8	99601594	8	99354198
9	99841917	9	99593327	9	99345972
20	99833611	50	99585062	80	99337748
1	99825306	1	99576799	1	99329526
2	99817002	2	99568536	2	99321304
3	99808700	3	99560275	3	99313085
4	99800399	4	99552016	4	99304866
5	99792100	5	99543758	5	99296649
6	99783802	6	99535501	6	99288433
7	99775505	7	99527246	7	99280218
8	99767210	8	99518992	8	99272005
9	99758916	9	99510739	9	99263794

3% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99255583	**120**	99009901	**150**	98765432
1	99247374	1	99001733	1	98757304
2	99239166	2	98993565	2	98749177
3	99230960	3	98985400	3	98741052
4	99222755	4	98977235	4	98732927
5	99214551	5	98969072	5	98724805
6	99206349	6	98960910	6	98716683
7	99198148	7	98952750	7	98708563
8	99189949	8	98944591	8	98700444
9	99181751	9	98936433	9	98692327
100	99173554	**130**	98928277	**160**	98684211
1	99165358	1	98920122	1	98676096
2	99157164	2	98911968	2	98667982
3	99148971	3	98903816	3	98659870
4	99140780	4	98895665	4	98651759
5	99132590	5	98887515	5	98643650
6	99124401	6	98879367	6	98635542
7	99116214	7	98871220	7	98627435
8	99108028	8	98863075	8	98619329
9	99099843	9	98854930	9	98611225
110	99091660	**140**	98846787	**170**	98603122
1	99083478	1	98838646	1	98595021
2	99075297	2	98830506	2	98586921
3	99067118	3	98822367	3	98578822
4	99058940	4	98814229	4	98570724
5	99050764	5	98806093	5	98562628
6	99042588	6	98797958	6	98554534
7	99034414	7	98789825	7	98546440
8	99026242	8	98781692	8	98538348
9	99018071	9	98773562	9	98530257
				180	98522167

$3\frac{1}{8}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99740260	60	99481865
1	99991320	1	99731625	1	99473275
2	99982642	2	99722992	2	99464687
3	99973965	3	99714360	3	99456099
4	99965290	4	99705730	4	99447514
5	99956616	5	99697101	5	99438930
6	99947944	6	99688474	6	99430347
7	99939273	7	99679848	7	99421766
8	99930604	8	99671223	8	99413187
9	99921936	9	99662601	9	99404608
10	99913270	40	99653979	70	99396031
1	99904605	1	99645359	1	99387456
2	99895942	2	99636741	2	99378882
3	99887280	3	99628124	3	99370310
4	99878620	4	99619509	4	99361739
5	99869961	5	99610895	5	99353169
6	99861304	6	99602283	6	99344602
7	99852648	7	99593672	7	99336035
8	99843994	8	99585062	8	99327470
9	99835341	9	99576455	9	99318907
20	99826690	50	99567848	80	99310345
1	99818040	1	99559243	1	99301784
2	99809392	2	99550639	2	99293225
3	99800745	3	99542038	3	99284668
4	99792100	4	99533437	4	99276112
5	99783456	5	99524838	5	99267557
6	99774814	6	99516240	6	99259004
7	99766173	7	99507644	7	99250452
8	99757534	8	99499050	8	99241902
9	99748896	9	99490457	9	99233353

$3\frac{1}{8}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99224806	120	98969072	150	98714653
1	99216260	1	98960570	1	98706195
2	99207716	2	98952070	2	98697738
3	99199173	3	98943571	3	98689283
4	99190632	4	98935074	4	98680829
5	99182092	5	98926578	5	98672377
6	99173554	6	98918083	6	98663926
7	99165017	7	98909590	7	98655477
8	99156481	8	98901099	8	98647029
9	99147947	9	98892609	9	98638582
100	99139415	130	98884120	160	98630137
1	99130884	1	98875633	1	98621693
2	99122354	2	98867147	2	98613251
3	99113826	3	98858663	3	98604810
4	99105299	4	98850180	4	98596371
5	99096774	5	98841699	5	98587933
6	99088250	6	98833219	6	98579497
7	99079728	7	98824740	7	98571062
8	99071207	8	98816264	8	98562628
9	99062688	9	98807788	9	98554196
110	99054170	140	98799314	170	98545766
1	99045654	1	98790841	1	98537336
2	99037139	2	98782370	2	98528909
3	99028625	3	98773900	3	98520482
4	99020113	4	98765432	4	98512057
5	99011603	5	98756965	5	98503634
6	99003094	6	98748500	6	98495212
7	98994586	7	98740036	7	98486791
8	98986080	8	98731574	8	98478372
9	98977575	9	98723113	9	98469955
				180	98461538

3¼% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99729898	60	99461252
1	99990973	1	99720920	1	99452322
2	99981948	2	99711943	2	99443393
3	99972924	3	99702968	3	99434466
4	99963902	4	99693995	4	99425541
5	99954881	5	99685023	5	99416618
6	99945863	6	99676053	6	99407696
7	99936846	7	99667084	7	99398775
8	99927830	8	99658117	8	99389857
9	99918816	9	99649152	9	99380940
10	99909804	40	99640188	70	99372024
1	99900793	1	99631226	1	99363110
2	99891784	2	99622266	2	99354198
3	99882776	3	99613307	3	99345287
4	99873771	4	99604349	4	99336378
5	99864766	5	99595394	5	99327470
6	99855764	6	99586440	6	99318564
7	99846763	7	99577487	7	99309660
8	99837764	8	99568536	8	99300757
9	99828766	9	99559587	9	99291856
20	99819770	50	99550639	80	99282956
1	99810775	1	99541693	1	99274058
2	99801783	2	99532749	2	99265162
3	99792791	3	99523806	3	99256267
4	99783802	4	99514865	4	99247374
5	99774814	5	99505925	5	99238482
6	99765827	6	99496987	6	99229592
7	99756843	7	99488051	7	99220704
8	99747860	8	99479116	8	99211817
9	99738878	9	99470183	9	99202932

3¼% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99194048	**120**	98928277	**150**	98663926
1	99185166	1	98919442	1	98655139
2	99176286	2	98910610	2	98646353
3	99167407	3	98901778	3	98637569
4	99158530	4	98892948	4	98628786
5	99149654	5	98884120	5	98620005
6	99140780	6	98875294	6	98611225
7	99131907	7	98866468	7	98602447
8	99123036	8	98857645	8	98593671
9	99114167	9	98848823	9	98584896
100	99105299	**130**	98840003	**160**	98576123
1	99096433	1	98831184	1	98567351
2	99087569	2	98822367	2	98558581
3	99078706	3	98813551	3	98549812
4	99069844	4	98804737	4	98541045
5	99060984	5	98795925	5	98532280
6	99052126	6	98787114	6	98523516
7	99043270	7	98778304	7	98514753
8	99034414	8	98769497	8	98505992
9	99025561	9	98760691	9	98497233
110	99016709	**140**	98751886	**170**	98488475
1	99007859	1	98743083	1	98479719
2	98999010	2	98734281	2	98470965
3	98990163	3	98725481	3	98462212
4	98981317	4	98716683	4	98453460
5	98972473	5	98707886	5	98444710
6	98963631	6	98699091	6	98435962
7	98954790	7	98690298	7	98427215
8	98945951	8	98681505	8	98418470
9	98937113	9	98672715	9	98409726
				180	98400984

3⅜% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99719539	60	99440646
1	99990626	1	99710217	1	99431377
2	99981254	2	99700897	2	99422109
3	99971883	3	99691579	3	99412843
4	99962514	4	99682263	4	99403579
5	99953147	5	99672948	5	99394316
6	99943782	6	99663635	6	99385055
7	99934418	7	99654324	7	99375796
8	99925056	8	99645015	8	99366538
9	99915696	9	99635707	9	99357283
10	99906338	40	99626401	70	99348029
1	99896981	1	99617097	1	99338776
2	99887626	2	99607794	2	99329526
3	99878273	3	99598494	3	99320277
4	99868922	4	99589195	4	99311030
5	99859572	5	99579897	5	99301784
6	99850225	6	99570602	6	99292541
7	99840879	7	99561308	7	99283299
8	99831534	8	99552016	8	99274058
9	99822192	9	99542726	9	99264820
20	99812851	50	99533437	80	99255583
1	99803512	1	99524150	1	99246348
2	99794175	2	99514865	2	99237115
3	99784839	3	99505582	3	99227883
4	99775505	4	99496300	4	99218653
5	99766173	5	99487020	5	99209425
6	99756843	6	99477742	6	99200198
7	99747514	7	99468465	7	99190974
8	99738187	8	99459191	8	99181751
9	99728862	9	99449918	9	99172529

$3\frac{3}{8}\%$ Basis.

Present Value of $1. Due in

Days		Days		Days	
90	99163310	**120**	98887515	**150**	98613251
1	99154092	1	98878349	1	98604135
2	99144875	2	98869184	2	98595021
3	99135661	3	98860020	3	98585908
4	99126448	4	98850859	4	98576797
5	99117237	5	98841699	5	98567688
6	99108028	6	98832541	6	98558581
7	99098820	7	98823384	7	98549475
8	99089614	8	98814229	8	98540371
9	99080410	9	98805076	9	98531268
100	99071207	**130**	98795925	**160**	98522167
1	99062007	1	98786775	1	98513068
2	99052808	2	98777627	2	98503971
3	99043610	3	98768481	3	98494875
4	99034414	4	98759336	4	98485781
5	99025220	5	98750193	5	98476689
6	99016028	6	98741052	6	98467598
7	99006838	7	98731912	7	98458509
8	98997649	8	98722774	8	98449422
9	98988462	9	98713638	9	98440336
110	98979276	**140**	98704503	**170**	98431252
1	98970092	1	98695371	1	98422170
2	98960910	2	98686239	2	98413089
3	98951730	3	98677110	3	98404010
4	98942551	4	98667982	4	98394933
5	98933375	5	98658856	5	98385857
6	98924199	6	98649732	6	98376783
7	98915026	7	98640609	7	98367711
8	98905854	8	98631488	8	98358640
9	98896684	9	98622369	9	98349571
				180	98340504

3½% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99709182	60	99420050
1	99990279	1	99699517	1	99410441
2	99980559	2	99689854	2	99400834
3	99970842	3	99680193	3	99391229
4	99961126	4	99670534	4	99381625
5	99951413	5	99660876	5	99372024
6	99941701	6	99651221	6	99362424
7	99931991	7	99641567	7	99352827
8	99922283	8	99631915	8	99343231
9	99912576	9	99622266	9	99333637
10	99902872	40	99612618	70	99324045
1	99893170	1	99602971	1	99314454
2	99883469	2	99593327	2	99304866
3	99873771	3	99583685	3	99295279
4	99864074	4	99574044	4	99285695
5	99854379	5	99564406	5	99276112
6	99844686	6	99554769	6	99266531
7	99834995	7	99545134	7	99256951
8	99825306	8	99535501	8	99247374
9	99815618	9	99525870	9	99237799
20	99805933	50	99516240	80	99228225
1	99796249	1	99506613	1	99218653
2	99786568	2	99496987	2	99209083
3	99776888	3	99487364	3	99199515
4	99767210	4	99477742	4	99189949
5	99757534	5	99468122	5	99180384
6	99747860	6	99458504	6	99170822
7	99738187	7	99448887	7	99161261
8	99728517	8	99439273	8	99151702
9	99718848	9	99429660	9	99142145

3½% Basis.

Present Value of $1. Due in

Days		Day		Days	
90	99132590	**120**	98846787	**150**	98562628
1	99123036	1	98837289	1	98553184
2	99113485	2	98827793	2	98543742
3	99103935	3	98818298	3	98534302
4	99094387	4	98808805	4	98524864
5	99084841	5	98799314	5	98515427
6	99075297	6	98789825	6	98505992
7	99065755	7	98780337	7	98496559
8	99056214	8	98770852	8	98487128
9	99046676	9	98761368	9	98477699
100	99037139	**130**	98751886	**160**	98468271
1	99027604	1	98742406	1	98458846
2	99018071	2	98732927	2	98449422
3	99008539	3	98723451	3	98439999
4	98999010	4	98713976	4	98430579
5	98989482	5	98704503	5	98421161
6	98979957	6	98695032	6	98411744
7	98970433	7	98685563	7	98402329
8	98960910	8	98676096	8	98392916
9	98951390	9	98666630	9	98383504
110	98941872	**140**	98657166	**170**	98374095
1	98932355	1	98647704	1	98364687
2	98922840	2	98638244	2	98355281
3	98913327	3	98628786	3	98345877
4	98903816	4	98619329	4	98336475
5	98894307	5	98609875	5	98327074
6	98884799	6	98600422	6	98317675
7	98875294	7	98590971	7	98308278
8	98865790	8	98581521	8	98298883
9	98856288	9	98572074	9	98289490
				180	98280098

3.55% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99705039	60	99411813
1	99990140	1	99695237	1	99402069
2	99980282	2	99685437	2	99392326
3	99970425	3	99675639	3	99382586
4	99960571	4	99665843	4	99372847
5	99950719	5	99656048	5	99363110
6	99940868	6	99646256	6	99353375
7	99931020	7	99636465	7	99343642
8	99921173	8	99626677	8	99333911
9	99911329	9	99616890	9	99324182
10	99901486	40	99607105	70	99314454
1	99891645	1	99597322	1	99304729
2	99881807	2	99587542	2	99295005
3	99871970	3	99577763	3	99285284
4	99862135	4	99567986	4	99275564
5	99852302	5	99558210	5	99265846
6	99842471	6	99548437	6	99256130
7	99832642	7	99538666	7	99246416
8	99822815	8	99528897	8	99236704
9	99812989	9	99519129	9	99226994
20	99803166	50	99509364	80	99217286
1	99793345	1	99499600	1	99207579
2	99783525	2	99489838	2	99197875
3	99773708	3	99480078	3	99188172
4	99763892	4	99470321	4	99178472
5	99754078	5	99460565	5	99168773
6	99744267	6	99450811	6	99159076
7	99734457	7	99441058	7	99149381
8	99724649	8	99431308	8	99139688
9	99714843	9	99421560	9	99129997

3.55% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99120307	120	98830506	150	98542394
1	99110620	1	98820875	1	98532819
2	99100934	2	98811246	2	98523246
3	99091251	3	98801619	3	98513675
4	99081569	4	98791993	4	98504106
5	99071889	5	98782370	5	98494538
6	99062211	6	98772749	6	98484973
7	99052535	7	98763129	7	98475409
8	99042861	8	98753511	8	98465847
9	99033188	9	98743895	9	98456287
100	99023518	130	98734281	160	98446729
1	99013850	1	98724669	1	98437173
2	99004183	2	98715059	2	98427619
3	98994518	3	98705451	3	98418066
4	98984855	4	98695844	4	98408516
5	98975194	5	98686239	5	98398967
6	98965535	6	98676637	6	98389420
7	98955878	7	98667036	7	98379875
8	98946223	8	98657437	8	98370332
9	98936569	9	98647840	9	98360790
110	98926918	140	98638244	170	98351251
1	98917268	1	98628651	1	98341713
2	98907620	2	98619059	2	98332177
3	98897974	3	98609470	3	98322643
4	98888330	4	98599882	4	98313111
5	98878688	5	98590296	5	98303581
6	98869048	6	98580712	6	98294052
7	98859410	7	98571129	7	98284526
8	98849773	8	98561549	8	98275001
9	98840138	9	98551970	9	98265478
				180	98255957

$3\frac{9}{16}\%$ Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99704004	60	99409755
1	99990105	1	99694167	1	99399976
2	99980212	2	99684333	2	99390200
3	99970321	3	99674500	3	99380425
4	99960432	4	99664670	4	99370653
5	99950545	5	99654841	5	99360882
6	99940660	6	99645015	6	99351113
7	99930777	7	99635190	7	99341346
8	99920896	8	99625367	8	99331581
9	99911017	9	99615546	9	99321818
10	99901139	40	99605727	70	99312057
1	99891264	1	99595910	1	99302298
2	99881391	2	99586095	2	99292541
3	99871519	3	99576282	3	99282785
4	99861650	4	99566471	4	99273032
5	99851783	5	99556662	5	99263280
6	99841917	6	99546854	6	99253531
7	99832053	7	99537049	7	99243783
8	99822192	8	99527246	8	99234037
9	99812332	9	99517444	9	99224293
20	99802474	50	99507644	80	99214551
1	99792618	1	99497847	1	99204811
2	99782765	2	99488051	2	99195073
3	99772913	3	99478257	3	99185337
4	99763063	4	99468465	4	99175603
5	99753215	5	99458675	5	99165870
6	99743369	6	99448887	6	99156140
7	99733524	7	99439101	7	99146411
8	99723682	8	99429317	8	99136685
9	99713842	9	99419535	9	99126960

$3\frac{9}{16}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99117237	**120**	98826436	**150**	98537336
1	99107516	1	98816772	1	98527729
2	99097797	2	98807110	2	98518123
3	99088080	3	98797450	3	98508519
4	99078365	4	98787791	4	98498918
5	99068651	5	98778135	5	98489317
6	99058940	6	98768481	6	98479719
7	99049231	7	98758828	7	98470123
8	99039523	8	98749177	8	98460529
9	99029817	9	98739528	9	98450936
100	99020113	**130**	98729881	**160**	98441345
1	99010412	1	98720236	1	98431757
2	99000712	2	98710593	2	98422170
3	98991013	3	98700952	3	98412585
4	98981317	4	98691312	4	98403001
5	98971623	5	98681675	5	98393420
6	98961931	6	98672039	6	98383840
7	98952240	7	98662405	7	98374263
8	98942551	8	98652773	8	98364687
9	98932865	9	98643143	9	98355113
110	98923180	**140**	98633515	**170**	98345541
1	98913497	1	98623889	1	98335971
2	98903816	2	98614264	2	98326403
3	98894137	3	98604642	3	98316836
4	98884460	4	98595021	4	98307272
5	98874784	5	98585402	5	98297709
6	98865111	6	98575785	6	98288148
7	98855439	7	98566170	7	98278589
8	98845770	8	98556557	8	98269032
9	98836102	9	98546946	9	98259477
				180	98249923

3.60% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99700897	60	99403579
1	99990001	1	99690958	1	99393698
2	99980004	2	99681021	2	99383820
3	99970009	3	99671085	3	99373944
4	99960016	4	99661152	4	99364070
5	99950025	5	99651221	5	99354198
6	99940036	6	99641291	6	99344327
7	99930049	7	99631364	7	99334459
8	99920064	8	99621439	8	99324593
9	99910081	9	99611515	9	99314728
10	99900100	40	99601594	70	99304866
1	99890121	1	99591674	1	99295005
2	99880144	2	99581757	2	99285147
3	99870169	3	99571841	3	99275290
4	99860196	4	99561928	4	99265436
5	99850225	5	99552016	5	99255583
6	99840256	6	99542106	6	99245732
7	99830289	7	99532199	7	99235884
8	99820323	8	99522293	8	99226037
9	99810360	9	99512389	9	99216192
20	99800399	50	99502488	80	99206349
1	99790440	1	99492588	1	99196508
2	99780483	2	99482690	2	99186669
3	99770528	3	99472794	3	99176832
4	99760575	4	99462900	4	99166997
5	99750623	5	99453008	5	99157164
6	99740674	6	99443119	6	99147333
7	99730727	7	99433231	7	99137504
8	99720782	8	99423345	8	99127676
9	99710839	9	99413461	9	99117851

3.60% Basis.

Present Value of $1. Due in

Days		Days		Days	
90	99108028	120	98814229	150	98522167
1	99098206	1	98804466	1	98512462
2	99088387	2	98794705	2	98502758
3	99078569	3	98784945	3	98493056
4	99068754	4	98775188	4	98483356
5	99058940	5	98765432	5	98473658
6	99049128	6	98755678	6	98463962
7	99039319	7	98745927	7	98454268
8	99029511	8	98736177	8	98444576
9	99019705	9	98726429	9	98434885
100	99009901	130	98716683	160	98425197
1	99000099	1	98706939	1	98415510
2	98990299	2	98697197	2	98405826
3	98980501	3	98687457	3	98396143
4	98970705	4	98677719	4	98386462
5	98960910	5	98667982	5	98376783
6	98951118	6	98658248	6	98367106
7	98941328	7	98648515	7	98357431
8	98931539	8	98638785	8	98347758
9	98921753	9	98629056	9	98338086
110	98911968	140	98619329	170	98328417
1	98902186	1	98609605	1	98318749
2	98892405	2	98599882	2	98309084
3	98882626	3	98590161	3	98299420
4	98872850	4	98580442	4	98289758
5	98863075	5	98570724	5	98280098
6	98853302	6	98561009	6	98270440
7	98843531	7	98551296	7	98260784
8	98833762	8	98541585	8	98251130
9	98823994	9	98531875	9	98241478
				180	98231827

$3\frac{5}{8}$% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99698826	60	99399462
1	99989932	1	99688819	1	99389514
2	99979865	2	99678813	2	99379568
3	99969801	3	99668809	3	99369624
4	99959738	4	99658807	4	99359682
5	99949678	5	99648807	5	99349742
6	99939620	6	99638809	6	99339804
7	99929564	7	99628813	7	99329868
8	99919509	8	99618820	8	99319934
9	99909457	9	99608828	9	99310002
10	99899407	40	99598838	70	99300072
1	99889359	1	99588850	1	99290144
2	99879312	2	99578864	2	99280218
3	99869268	3	99568881	3	99270294
4	99859226	4	99558899	4	99260372
5	99849186	5	99548919	5	99250452
6	99839148	6	99538941	6	99240534
7	99829112	7	99528965	7	99230618
8	99819078	8	99518992	8	99220704
9	99809046	9	99509020	9	99210792
20	99799016	50	99499050	80	99200882
1	99788988	1	99489082	1	99190974
2	99778962	2	99479116	2	99181067
3	99768938	3	99469152	3	99171163
4	99758916	4	99459191	4	99161261
5	99748896	5	99449231	5	99151361
6	99738878	6	99439273	6	99141462
7	99728862	7	99429317	7	99131566
8	99718848	8	99419363	8	99121672
9	99708836	9	99409411	9	99111780

$3\frac{5}{8}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99101889	120	98806093	150	98512057
1	99092001	1	98796264	1	98502286
2	99082114	2	98786436	2	98492517
3	99072230	3	98776611	3	98482750
4	99062347	4	98766787	4	98472985
5	99052467	5	98756965	5	98463222
6	99042588	6	98747146	6	98453460
7	99032712	7	98737328	7	98443701
8	99022837	8	98727512	8	98433943
9	99012965	9	98717698	9	98424188
100	99003094	130	98707886	160	98414434
1	98993225	1	98698076	1	98404682
2	98983358	2	98688268	2	98394933
3	98973494	3	98678462	3	98385185
4	98963631	4	98668658	4	98375439
5	98953770	5	98658856	5	98365695
6	98943911	6	98649056	6	98355953
7	98934054	7	98639258	7	98346213
8	98924199	8	98629461	8	98336475
9	98914346	9	98619667	9	98326738
110	98904495	140	98609875	170	98317004
1	98894646	1	98600084	1	98307272
2	98884799	2	98590296	2	98297541
3	98874954	3	98580509	3	98287813
4	98865111	4	98570724	4	98278086
5	98855270	5	98560942	5	98268361
6	98845430	6	98551161	6	98258639
7	98835593	7	98541382	7	98248918
8	98825758	8	98531605	8	98239199
9	98815924	9	98521830	9	98229482
				180	98219767

3.65% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99696756	60	99395345
1	99989862	1	99686679	1	99385329
2	99979726	2	99676605	2	99375316
3	99969593	3	99666532	3	99365304
4	99959461	4	99656462	4	99355295
5	99949331	5	99646394	5	99345287
6	99939204	6	99636327	6	99335281
7	99929078	7	99626263	7	99325278
8	99918955	8	99616201	8	99315276
9	99908833	9	99606141	9	99305277
10	99898714	40	99596083	70	99295279
1	99888596	1	99586026	1	99285284
2	99878481	2	99575972	2	99275290
3	99868368	3	99565920	3	99265299
4	99858257	4	99555870	4	99255309
5	99848148	5	99545822	5	99245322
6	99838041	6	99535776	6	99235337
7	99827935	7	99525732	7	99225353
8	99817832	8	99515690	8	99215372
9	99807731	9	99505650	9	99205392
20	99797633	50	99495613	80	99195415
1	99787536	1	99485577	1	99185440
2	99777441	2	99475543	2	99175466
3	99767348	3	99465511	3	99165495
4	99757257	4	99455481	4	99155525
5	99747169	5	99445453	5	99145558
6	99737082	6	99435428	6	99135593
7	99726997	7	99425404	7	99125629
8	99716915	8	99415382	8	99115668
9	99706834	9	99405363	9	99105709

3.65% Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
90	99095751	**120**	98797958	**150**	98501950
1	99085796	1	98788063	1	98492113
2	99075843	2	98778169	2	98482279
3	99065891	3	98768277	3	98472446
4	99055942	4	98758388	4	98462616
5	99045994	5	98748500	5	98452787
6	99036049	6	98738614	6	98442961
7	99026106	7	98728730	7	98433136
8	99016164	8	98718849	8	98423313
9	99006225	9	98708969	9	98413492
100	98996288	**130**	98699091	**160**	98403674
1	98986352	1	98689215	1	98393857
2	98976419	2	98679341	2	98384042
3	98966487	3	98669470	3	98374229
4	98956558	4	98659600	4	98364418
5	98946631	5	98649732	5	98354609
6	98936705	6	98639866	6	98344802
7	98926782	7	98630002	7	98334997
8	98916860	8	98620140	8	98325194
9	98906941	9	98610280	9	98315393
110	98897023	**140**	98600422	**170**	98305594
1	98887108	1	98590566	1	98295797
2	98877195	2	98580712	2	98286001
3	98867283	3	98570859	3	98276208
4	98857374	4	98561009	4	98266417
5	98847466	5	98551161	5	98256627
6	98837560	6	98541315	6	98246840
7	98827657	7	98531471	7	98237054
8	98817755	8	98521628	8	98227271
9	98807856	9	98511788	9	98217489
				180	98207709

$3\frac{11}{16}$% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99693650	60	99389171
1	99989758	1	99683470	1	99379053
2	99979518	2	99673293	2	99368938
3	99969280	3	99663118	3	99358825
4	99959045	4	99652945	4	99348714
5	99948811	5	99642774	5	99338605
6	99938579	6	99632605	6	99328498
7	99928350	7	99622438	7	99318393
8	99918123	8	99612273	8	99308290
9	99907897	9	99602110	9	99298189
10	99897674	40	99591950	70	99288091
1	99887453	1	99581791	1	99277994
2	99877234	2	99571635	2	99267899
3	99867017	3	99561480	3	99257807
4	99856803	4	99551328	4	99247716
5	99846590	5	99541177	5	99237628
6	99836379	6	99531029	6	99227541
7	99826171	7	99520883	7	99217457
8	99815964	8	99510739	8	99207374
9	99805760	9	99500597	9	99197294
20	99795558	50	99490457	80	99187216
1	99785358	1	99480319	1	99177140
2	99775159	2	99470183	2	99167066
3	99764963	3	99460049	3	99156993
4	99754770	4	99449918	4	99146923
5	99744578	5	99439788	5	99136855
6	99734388	6	99429660	6	99126789
7	99724200	7	99419535	7	99116725
8	99714015	8	99409411	8	99106664
9	99703831	9	99399290	9	99096604

$3\frac{11}{16}$% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99086546	120	98785758	150	98486791
1	99076490	1	98775764	1	98476857
2	99066436	2	98765771	2	98466925
3	99056385	3	98755780	3	98456994
4	99046335	4	98745791	4	98447066
5	99036288	5	98735805	5	98437140
6	99026242	6	98725820	6	98427215
7	99016198	7	98715837	7	98417293
8	99006157	8	98705857	8	98407372
9	98996117	9	98695878	9	98397454
100	98986080	130	98685901	160	98387538
1	98976045	1	98675927	1	98377624
2	98966011	2	98665954	2	98367711
3	98955980	3	98655984	3	98357800
4	98945951	4	98646015	4	98347892
5	98935924	5	98636048	5	98337986
6	98925898	6	98626084	6	98328081
7	98915875	7	98616121	7	98318179
8	98905854	8	98606161	8	98308278
9	98895835	9	98596202	9	98298380
110	98885818	140	98586246	170	98288484
1	98875803	1	98576291	1	98278589
2	98865790	2	98566339	2	98268697
3	98855779	3	98556389	3	98258806
4	98845770	4	98546440	4	98248918
5	98835763	5	98536494	5	98239031
6	98825758	6	98526549	6	98229147
7	98815755	7	98516607	7	98219264
8	98805754	8	98506666	8	98209384
9	98795755	9	98496728	9	98199505
				180	98189629

3.70% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99692614	**60**	99387113
1	99989723	1	99682401	1	99376962
2	99979449	2	99672189	2	99366813
3	99969176	3	99661980	3	99356666
4	99958906	4	99651772	4	99346521
5	99948638	5	99641567	5	99336378
6	99938371	6	99631364	6	99326237
7	99928107	7	99621163	7	99316098
8	99917845	8	99610964	8	99305962
9	99907585	9	99600767	9	99295827
10	99897328	**40**	99590572	**70**	99285695
1	99887072	1	99580379	1	99275564
2	99876819	2	99570189	2	99265436
3	99866567	3	99560000	3	99255309
4	99856318	4	99549814	4	99245185
5	99846071	5	99539629	5	99235063
6	99835826	6	99529447	6	99224943
7	99825583	7	99519267	7	99214825
8	99815342	8	99509088	8	99204709
9	99805103	9	99498912	9	99194595
20	99794866	**50**	99488738	**80**	99184483
1	99784632	1	99478567	1	99174373
2	99774399	2	99468397	2	99164266
3	99764169	3	99458229	3	99154160
4	99753940	4	99448063	4	99144056
5	99743714	5	99437900	5	99133955
6	99733490	6	99427738	6	99123855
7	99723268	7	99417579	7	99113758
8	99713048	8	99407421	8	99103662
9	99702830	9	99397266	9	99093569

3.70% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99083478	120	98781692	150	98481740
1	99073389	1	98771665	1	98471773
2	99063301	2	98761639	2	98461808
3	99053216	3	98751615	3	98451845
4	99043133	4	98741593	4	98441884
5	99033052	5	98731574	5	98431925
6	99022973	6	98721556	6	98421968
7	99012896	7	98711540	7	98412013
8	99002822	8	98701527	8	98402060
9	98992749	9	98691515	9	98392109
100	98982678	130	98681505	160	98382160
1	98972609	1	98671498	1	98372213
2	98962543	2	98661492	2	98362268
3	98952478	3	98651489	3	98352325
4	98942416	4	98641488	4	98342384
5	98932355	5	98631488	5	98332446
6	98922297	6	98621491	6	98322509
7	98912240	7	98611495	7	98312574
8	98902186	8	98601502	8	98302641
9	98892133	9	98591511	9	98292710
110	98882083	140	98581521	170	98282781
1	98872035	1	98571534	1	98272855
2	98861989	2	98561549	2	98262930
3	98851945	3	98551566	3	98253007
4	98841902	4	98541585	4	98243086
5	98831862	5	98531605	5	98233167
6	98821824	6	98521628	6	98223251
7	98811788	7	98511653	7	98213336
8	98801754	8	98501680	8	98203423
9	98791722	9	98491709	9	98193512
				180	98183603

3¾% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99688474	60	99378882
1	99889584	1	99678123	1	99368595
2	99979171	2	99667774	2	99358311
3	99868760	3	99657428	3	99348029
4	99858351	4	99647083	4	99337748
5	99947944	5	99636741	5	99327470
6	99937539	6	99626401	6	99317194
7	99927136	7	99616063	7	99306920
8	99916736	8	99605727	8	99296649
9	99906338	9	99595394	9	99286379
10	99895942	40	99585062	70	99276112
1	99885548	1	99574733	1	99265846
2	99875156	2	99564406	2	99255583
3	99864766	3	99554081	3	99245322
4	99854379	4	99543758	4	99235063
5	99843994	5	99533437	5	99224806
6	99833611	6	99523118	6	99214551
7	99823230	7	99512802	7	99204299
8	99812851	8	99502488	8	99194048
9	99802474	9	99492175	9	99183800
20	99792100	50	99481865	80	99173554
1	99781727	1	99471557	1	99163310
2	99771357	2	99461252	2	99153068
3	99760989	3	99450948	3	99142828
4	99750623	4	99440646	4	99132590
5	99740260	5	99430347	5	99122354
6	99729898	6	99420050	6	99112121
7	99719539	7	99409755	7	99101889
8	99709182	8	99399462	8	99091660
9	99698826	9	99389171	9	99081433

$3\frac{3}{4}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99071207	**120**	98765432	**150**	98461538
1	99060984	1	98755272	1	98451441
2	99050764	2	98745114	2	98441345
3	99040545	3	98734958	3	98431252
4	99030328	4	98724805	4	98421161
5	99020113	5	98714653	5	98411071
6	99009901	6	98704503	6	98400984
7	98999691	7	98694356	7	98390899
8	98989482	8	98684211	8	98380816
9	98979276	9	98674067	9	98370735
100	98969072	**130**	98663926	**160**	98360656
1	98958870	1	98653787	1	98350579
2	98948670	2	98643650	2	98340504
3	98938473	3	98633515	3	98330431
4	98928277	4	98623382	4	98320361
5	98918083	5	98613251	5	98310292
6	98907892	6	98603122	6	98300225
7	98897703	7	98592996	7	98290161
8	98887515	8	98582871	8	98280098
9	98877330	9	98572749	9	98270038
110	98867147	**140**	98562628	**170**	98259980
1	98856966	1	98552510	1	98249923
2	98846787	2	98542394	2	98239869
3	98836611	3	98532280	3	98229817
4	98826436	4	98522167	4	98219767
5	98816264	5	98512057	5	98209719
6	98806093	6	98501950	6	98199673
7	98795925	7	98491844	7	98189629
8	98785758	8	98481740	8	98179587
9	98775594	9	98471638	9	98169547
				180	98159509

3.80% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99684333	60	99370653
1	99989446	1	99673845	1	99360231
2	99978893	2	99663359	2	99349811
3	99968343	3	99652876	3	99339393
4	99957796	4	99642395	4	99328978
5	99947250	5	99631915	5	99318564
6	99936707	6	99621439	6	99308153
7	99926166	7	99610964	7	99297744
8	99915627	8	99600491	8	99287338
9	99905090	9	99590021	9	99276933
10	99894556	40	99579553	70	99266531
1	99884024	1	99569087	1	99256130
2	99873494	2	99558623	2	99245732
3	99862966	3	99548162	3	99235337
4	99852440	4	99537703	4	99224943
5	99841917	5	99527246	5	99214551
6	99831396	6	99516791	6	99204162
7	99820877	7	99506338	7	99193775
8	99810360	8	99495888	8	99183390
9	99799846	9	99485439	9	99173007
20	99789334	50	99474993	80	99162627
1	99778824	1	99464549	1	99152248
2	99768316	2	99454107	2	99141872
3	99757810	3	99443668	3	99131498
4	99747307	4	99433231	4	99121126
5	99736806	5	99422795	5	99110756
6	99726307	6	99412362	6	99100389
7	99715810	7	99401932	7	99090023
8	99705315	8	99391503	8	99079660
9	99694823	9	99381077	9	99069299

3.80% Basis.

Present Value of $1. Due in

Days		Days		Days	
90	99058940	120	98749177	150	98441345
1	99048583	1	98738885	1	98431117
2	99038229	2	98728595	2	98420891
3	99027876	3	98718307	3	98410668
4	99017526	4	98708022	4	98400446
5	99007178	5	98697738	5	98390227
6	98996832	6	98687457	6	98380009
7	98986488	7	98677178	7	98369794
8	98976147	8	98666901	8	98359581
9	98965807	9	98656626	9	98349370
100	98955470	130	98646353	160	98339161
1	98945135	1	98636082	1	98328954
2	98934802	2	98625814	2	98318749
3	98924471	3	98615547	3	98308547
4	98914143	4	98605283	4	98298346
5	98903816	5	98595021	5	98288148
6	98893492	6	98584761	6	98277952
7	98883170	7	98574503	7	98267758
8	98872850	8	98564247	8	98257566
9	98862532	9	98553994	9	98247376
110	98852216	140	98543742	170	98237188
1	98841902	1	98533493	1	98227003
2	98831591	2	98523246	2	98216819
3	98821282	3	98513001	3	98206638
4	98810975	4	98502758	4	98196458
5	98800670	5	98492517	5	98186281
6	98790367	6	98482279	6	98176106
7	98780066	7	98472042	7	98165933
8	98769768	8	98461808	8	98155762
9	98759471	9	98451575	9	98145594
				180	98135427

$3\frac{13}{16}$% Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
		30	99683298	60	99368595
1	99989411	1	99672776	1	99358140
2	99978824	2	99662256	2	99347686
3	99968239	3	99651738	3	99337234
4	99957657	4	99641222	4	99326785
5	99947077	5	99630709	5	99316338
6	99936499	6	99620198	6	99305893
7	99925923	7	99609689	7	99295451
8	99915349	8	99599182	8	99285010
9	99904778	9	99588678	9	99274572
10	99894209	40	99578176	70	99264136
1	99883642	1	99567676	1	99253702
2	99873078	2	99557178	2	99243270
3	99862516	3	99546682	3	99232841
4	99851956	4	99536189	4	99222413
5	99841398	5	99525698	5	99211988
6	99830842	6	99515209	6	99201565
7	99820289	7	99504722	7	99191144
8	99809738	8	99494238	8	99180726
9	99799189	9	99483755	9	99170310
20	99788642	50	99473275	80	99159895
1	99778098	1	99462797	1	99149483
2	99767555	2	99452322	2	99139074
3	99757015	3	99441848	3	99128666
4	99746478	4	99431377	4	99118260
5	99735942	5	99420908	5	99107857
6	99725409	6	99410441	6	99097456
7	99714878	7	99399976	7	99087057
8	99704349	8	99389514	8	99076661
9	99693822	9	99379053	9	99066266

$3\frac{13}{16}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99055874	120	98745114	150	98436298
1	99045484	1	98734789	1	98426038
2	99035096	2	98724466	2	98415779
3	99024710	3	98714145	3	98405523
4	99014326	4	98703827	4	98395269
5	99003945	5	98693510	5	98385017
6	98993565	6	98683196	6	98374767
7	98983188	7	98672884	7	98364519
8	98972813	8	98662574	8	98354273
9	98962441	9	98652266	9	98344030
100	98952070	130	98641961	160	98333789
1	98941702	1	98631657	1	98323549
2	98931335	2	98621356	2	98313312
3	98920971	3	98611056	3	98303077
4	98910610	4	98600759	4	98292844
5	98900250	5	98590464	5	98282614
6	98889892	6	98580172	6	98272385
7	98879537	7	98569881	7	98262159
8	98869184	8	98559593	8	98251934
9	98858833	9	98549306	9	98241712
110	98848484	140	98539022	170	98231492
1	98838137	1	98528740	1	98221274
2	98827793	2	98518460	2	98211058
3	98817450	3	98508183	3	98200845
4	98807110	4	98497907	4	98190633
5	98796772	5	98487633	5	98180424
6	98786436	6	98477362	6	98170216
7	98776102	7	98467093	7	98160011
8	98765771	8	98456826	8	98149808
9	98755441	9	98446561	9	98139607
				180	98129408

3.85% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99680193	60	99362424
1	99989307	1	99669568	1	99351867
2	99978616	2	99658945	2	99341312
3	99967927	3	99648324	3	99330759
4	99957241	4	99637706	4	99320208
5	99946556	5	99627090	5	99309660
6	99935874	6	99616477	6	99299114
7	99925195	7	99605865	7	99288570
8	99914518	8	99595256	8	99278028
9	99903843	9	99584649	9	99267489
10	99893170	40	99574044	70	99256951
1	99882499	1	99563442	1	99246416
2	99871831	2	99552842	2	99235884
3	99861165	3	99542244	3	99225353
4	99850502	4	99531648	4	99214825
5	99839840	5	99521055	5	99204299
6	99829181	6	99510464	6	99193775
7	99818524	7	99499875	7	99183253
8	99807870	8	99489288	8	99172734
9	99797218	9	99478704	9	99162217
20	99786568	50	99468122	80	99151702
1	99775920	1	99457542	1	99141189
2	99765274	2	99446964	2	99130679
3	99754631	3	99436389	3	99120171
4	99743990	4	99425816	4	99109665
5	99733352	5	99415245	5	99099161
6	99722715	6	99404676	6	99088660
7	99712081	7	99394110	7	99078160
8	99701450	8	99383546	8	99067663
9	99690820	9	99372984	9	99057168

3.85% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99046676	120	98732927	150	98421161
1	99036185	1	98722503	1	98410802
2	99025697	2	98712082	2	98400446
3	99015211	3	98701662	3	98390092
4	99004727	4	98691244	4	98379740
5	98994246	5	98680829	5	98369391
6	98983767	6	98670416	6	98359043
7	98973290	7	98660005	7	98348698
8	98962815	8	98649597	8	98338355
9	98952342	9	98639190	9	98328014
100	98941872	130	98628786	160	98317675
1	98931403	1	98618384	1	98307339
2	98920937	2	98607984	2	98297004
3	98910474	3	98597586	3	98286672
4	98900012	4	98587191	4	98276342
5	98889553	5	98576797	5	98266014
6	98879096	6	98566406	6	98255689
7	98868641	7	98556017	7	98245365
8	98858188	8	98545631	8	98235044
9	98847737	9	98535246	9	98224725
110	98837289	140	98524864	170	98214408
1	98826843	1	98514484	1	98204093
2	98816399	2	98504106	2	98193780
3	98805957	3	98493730	3	98183469
4	98795518	4	98483356	4	98173161
5	98785081	5	98472985	5	98162855
6	98774646	6	98462616	6	98152551
7	98764213	7	98452249	7	98142249
8	98753782	8	98441884	8	98131949
9	98743354	9	98431521	9	98121652
				180	98111356

$3\frac{7}{8}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99678123	**60**	99358311
1	99989237	1	99667429	1	99347686
2	99978477	2	99656738	2	99337063
3	99967719	3	99646049	3	99326443
4	99956963	4	99635362	4	99315824
5	99946210	5	99624678	5	99305208
6	99935458	6	99613996	6	99294595
7	99924710	7	99603316	7	99283983
8	99913963	8	99592638	8	99273374
9	99903219	9	99581963	9	99262767
10	99892477	**40**	99571290	**70**	99252163
1	99881737	1	99560620	1	99241560
2	99871000	2	99549951	2	99230960
3	99860265	3	99539285	3	99220362
4	99849532	4	99528621	4	99209767
5	99838802	5	99517960	5	99199173
6	99828074	6	99507301	6	99188582
7	99817348	7	99496644	7	99177994
8	99806625	8	99485989	8	99167407
9	99795904	9	99475337	9	99156823
20	99785185	**50**	99464687	**80**	99146241
1	99774468	1	99454039	1	99135661
2	99763754	2	99443393	2	99125083
3	99753042	3	99432749	3	99114508
4	99742332	4	99422109	4	99103935
5	99731625	5	99411470	5	99093365
6	99720920	6	99400834	6	99082796
7	99710217	7	99390200	7	99072230
8	99699517	8	99379568	8	99061666
9	99688819	9	99368938	9	99051104

$3\frac{7}{8}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99040545	**120**	98724805	**150**	98411071
1	99029988	1	98714315	1	98400648
2	99019433	2	98703827	2	98390227
3	99008880	3	98693341	3	98379808
4	98998329	4	98682858	4	98369391
5	98987781	5	98672377	5	98358976
6	98977235	6	98661898	6	98348564
7	98966692	7	98651421	7	98338153
8	98956150	8	98640947	8	98327745
9	98945611	9	98630475	9	98317340
100	98935074	**130**	98620005	**160**	98306936
1	98924539	1	98609537	1	98296535
2	98914007	2	98599072	2	98286136
3	98903476	3	98588608	3	98275739
4	98892948	4	98578147	4	98265344
5	98882423	5	98567688	5	98254951
6	98871899	6	98557232	6	98244561
7	98861378	7	98546777	7	98234173
8	98850859	8	98536325	8	98223787
9	98840342	9	98525875	9	98213403
110	98829827	**140**	98515427	**170**	98203021
1	98819315	1	98504982	1	98192642
2	98808805	2	98494538	2	98182264
3	98798297	3	98484097	3	98171889
4	98787791	4	98473658	4	98161517
5	98777288	5	98463222	5	98151146
6	98766787	6	98452787	6	98140777
7	98756288	7	98442355	7	98130411
8	98745791	8	98431925	8	98120047
9	98735297	9	98421497	9	98109685
				180	98099326

3.90% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99676053	60	99354198
1	99989168	1	99665291	1	99343505
2	99978338	2	99654531	2	99332815
3	99967511	3	99643774	3	99322126
4	99956685	4	99633018	4	99311441
5	99945863	5	99622266	5	99300757
6	99935042	6	99611515	6	99290076
7	99924224	7	99600767	7	99279397
8	99913408	8	99590021	8	99268720
9	99902595	9	99579278	9	99258046
10	99891784	40	99568536	70	99247374
1	99880975	1	99557797	1	99236704
2	99870169	2	99547061	2	99226037
3	99859365	3	99536327	3	99215372
4	99848563	4	99525595	4	99204709
5	99837764	5	99514865	5	99194048
6	99826967	6	99504138	6	99183390
7	99816172	7	99493413	7	99172734
8	99805380	8	99482690	8	99162080
9	99794589	9	99471970	9	99151429
20	99783802	50	99461252	80	99140780
1	99773016	1	99450536	1	99130133
2	99762233	2	99439822	2	99119489
3	99751453	3	99429111	3	99108846
4	99740674	4	99418402	4	99098206
5	99729898	5	99407696	5	99087569
6	99719124	6	99396992	6	99076933
7	99708353	7	99386290	7	99066300
8	99697584	8	99375590	8	99055669
9	99686817	9	99364893	9	99045041

3.90% Basis.

Present Value of $1. Due in

Days		Days		Days	
90	99034414	120	98716683	150	98400984
1	99023790	1	98706127	1	98390495
2	99013169	2	98695574	2	98380009
3	99002549	3	98685022	3	98369525
4	98991932	4	98674473	4	98359043
5	98981317	5	98663926	5	98348564
6	98970705	6	98653381	6	98338086
7	98960094	7	98642839	7	98327611
8	98949486	8	98632299	8	98317138
9	98938881	9	98621761	9	98306668
100	98928277	130	98611225	160	98296199
1	98917676	1	98600692	1	98285733
2	98907077	2	98590161	2	98275269
3	98896480	3	98579632	3	98264807
4	98885886	4	98569105	4	98254348
5	98875294	5	98558581	5	98243890
6	98864704	6	98548059	6	98233435
7	98854116	7	98537539	7	98222983
8	98843531	8	98527021	8	98212532
9	98832948	9	98516506	9	98202084
110	98822367	140	98505992	170	98191637
1	98811788	1	98495482	1	98181193
2	98801212	2	98484973	2	98170752
3	98790638	3	98474466	3	98160312
4	98780066	4	98463962	4	98149875
5	98769497	5	98453460	5	98139440
6	98758929	6	98442961	6	98129007
7	98748364	7	98432463	7	98118576
8	98737802	8	98421968	8	98108148
9	98727241	9	98411475	9	98097722
				180	98087298

$3\frac{15}{16}\%$. Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
		30	99672948	60	99348029
1	99989064	1	99662083	1	99337234
2	99978130	2	99651221	2	99326443
3	99967198	3	99640361	3	99315653
4	99956269	4	99629503	4	99304866
5	99945342	5	99618647	5	99294081
6	99934418	6	99607794	6	99283299
7	99923496	7	99596944	7	99272519
8	99912576	8	99586095	8	99261741
9	99901659	9	99575249	9	99250965
10	99890744	40	99564406	70	99240192
1	99879832	1	99553564	1	99229422
2	99868922	2	99542726	2	99218653
3	99858014	3	99531889	3	99207887
4	99847109	4	99521055	4	99197123
5	99836206	5	99510223	5	99186362
6	99825306	6	99499394	6	99175603
7	99814408	7	99488567	7	99164846
8	99803512	8	99477742	8	99154092
9	99792618	9	99466919	9	99143340
20	99781727	50	99456099	80	99132590
1	99770839	1	99445282	1	99121842
2	99759953	2	99434466	2	99111097
3	99749069	3	99423654	3	99100355
4	99738187	4	99412843	4	99089614
5	99727308	5	99402035	5	99078876
6	99716431	6	99391229	6	99068140
7	99705557	7	99380425	7	99057407
8	99694685	8	99369624	8	99046676
9	99683815	9	99358825	9	99035947

$3\frac{15}{16}$% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99025220	**120**	98704503	**150**	98385857
1	99014496	1	98693849	1	98375271
2	99003775	2	98683196	2	98364687
3	98993055	3	98672546	3	98354106
4	98982338	4	98661898	4	98343526
5	98971623	5	98651252	5	98332949
6	98960910	6	98640609	6	98322374
7	98950200	7	98629968	7	98311802
8	98939492	8	98619329	8	98301232
9	98928787	9	98608693	9	98290664
100	98918083	**130**	98598059	**160**	98280098
1	98907383	1	98587427	1	98269535
2	98896684	2	98576797	2	98258974
3	98885988	3	98566170	3	98248415
4	98875294	4	98555545	4	98237858
5	98864602	5	98544923	5	98227304
6	98853912	6	98534302	6	98216752
7	98843225	7	98523684	7	98206202
8	98832541	8	98513068	8	98195655
9	98821858	9	98502455	9	98185110
110	98811178	**140**	98491844	**170**	98174567
1	98800500	1	98481235	1	98164026
2	98789825	2	98470628	2	98153488
3	98779151	3	98460024	3	98142951
4	98768481	4	98449422	4	98132417
5	98757812	5	98438822	5	98121886
6	98747146	6	98428224	6	98111356
7	98736482	7	98417629	7	98100829
8	98725820	8	98407036	8	98090304
9	98715160	9	98396445	9	98079782
				180	98069261

3.95% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99671913	60	99345972
1	99989029	1	99661014	1	99335144
2	99978060	2	99650117	2	99324319
3	99967094	3	99639223	3	99313495
4	99956130	4	99628331	4	99302675
5	99945169	5	99617441	5	99291856
6	99934210	6	99606554	6	99281040
7	99923253	7	99595669	7	99270226
8	99912299	8	99584787	8	99259414
9	99901347	9	99573907	9	99248605
10	99890398	40	99563029	70	99237799
1	99879451	1	99552154	1	99226994
2	99868506	2	99541281	2	99216192
3	99857564	3	99530410	3	99205392
4	99846624	4	99519542	4	99194595
5	99835687	5	99508676	5	99183800
6	99824752	6	99497812	6	99173007
7	99813820	7	99486951	7	99162217
8	99802889	8	99476093	8	99151429
9	99791961	9	99465236	9	99140643
20	99781036	50	99454382	80	99129860
1	99770113	1	99443531	1	99119079
2	99759192	2	99432681	2	99108301
3	99748274	3	99421834	3	99097524
4	99737358	4	99410990	4	99086750
5	99726445	5	99400148	5	99075979
6	99715534	6	99389308	6	99065210
7	99704625	7	99378470	7	99054443
8	99693719	8	99367635	8	99043678
9	99682815	9	99356803	9	99032916

3.95% Basis.

Present Value of $1. Due in

Days		Days		Days	
90	99022156	120	98700444	150	98380816
1	99011399	1	98689756	1	98370197
2	99000644	2	98679071	2	98359581
3	98989891	3	98668388	3	98348967
4	98979140	4	98657707	4	98338355
5	98968392	5	98647029	5	98327745
6	98957646	6	98636352	6	98317138
7	98946903	7	98625679	7	98306533
8	98936161	8	98615007	8	98295931
9	98925423	9	98604338	9	98285331
100	98914686	130	98593671	160	98274732
1	98903952	1	98583006	1	98264137
2	98893220	2	98572344	2	98253543
3	98882491	3	98561684	3	98242952
4	98871763	4	98551026	4	98232363
5	98861038	5	98540371	5	98221777
6	98850316	6	98529718	6	98211192
7	98839596	7	98519067	7	98200610
8	98828878	8	98508418	8	98190030
9	98818162	9	98497772	9	98179453
110	98807449	140	98487128	170	98168878
1	98796738	1	98476487	1	98158305
2	98786029	2	98465847	2	98147734
3	98775323	3	98455210	3	98137166
4	98764619	4	98444576	4	98126600
5	98753918	5	98433943	5	98116036
6	98743218	6	98423313	6	98105474
7	98732521	7	98412685	7	98094915
8	98721827	8	98402060	8	98084358
9	98711134	9	98391437	9	98073803
				180	98063251

4% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99667774	60	99337748
1	99988890	1	99656738	1	99326785
2	99977783	2	99645704	2	99315824
3	99966678	3	99634673	3	99304866
4	99955575	4	99623644	4	99293910
5	99944475	5	99612618	5	99282956
6	99933378	6	99601594	6	99272005
7	99922283	7	99590572	7	99261057
8	99911190	8	99579553	8	99250110
9	99900100	9	99568536	9	99239166
10	99889012	40	99557522	70	99228225
1	99877927	1	99546510	1	99217286
2	99866844	2	99535501	2	99206349
3	99855764	3	99524494	3	99195415
4	99844686	4	99513490	4	99184483
5	99833611	5	99502488	5	99173554
6	99822538	6	99491488	6	99162627
7	99811467	7	99480491	7	99151702
8	99800399	8	99469496	8	99140780
9	99789334	9	99458504	9	99129860
20	99778271	50	99447514	80	99118943
1	99767210	1	99436526	1	99108028
2	99756152	2	99425541	2	99097115
3	99745096	3	99414559	3	99086205
4	99734043	4	99403579	4	99075297
5	99722992	5	99392601	5	99064392
6	99711943	6	99381625	6	99053489
7	99700897	7	99370653	7	99042588
8	99689854	8	99359682	8	99031690
9	99678813	9	99348714	9	99020794

4% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	99009901	**120**	98684211	**150**	98360656
1	98999010	1	98673391	1	98349907
2	98988121	2	98662574	2	98339161
3	98977235	3	98651759	3	98328417
4	98966351	4	98640947	4	98317675
5	98955470	5	98630137	5	98306936
6	98944591	6	98619329	6	98296199
7	98933714	7	98608524	7	98285465
8	98922840	8	98597721	8	98274732
9	98911968	9	98586921	9	98264003
100	98901099	**130**	98576123	**160**	98253275
1	98890232	1	98565327	1	98242550
2	98879367	2	98554534	2	98231827
3	98868505	3	98543742	3	98221107
4	98857645	4	98532954	4	98210388
5	98846787	5	98522167	5	98199673
6	98835932	6	98511384	6	98188959
7	98825080	7	98500602	7	98178248
8	98814229	8	98489823	8	98167539
9	98803381	9	98479046	9	98156833
110	98792536	**140**	98468271	**170**	98146129
1	98781692	1	98457499	1	98135427
2	98770852	2	98446729	2	98124727
3	98760013	3	98435962	3	98114030
4	98749177	4	98425197	4	98103336
5	98738343	5	98414434	5	98092643
6	98727512	6	98403674	6	98081953
7	98716683	7	98392916	7	98071265
8	98705857	8	98382160	8	98060580
9	98695032	9	98371407	9	98049897
				180	98039216

4.05% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99663635	60	99329526
1	99988751	1	99652462	1	99318427
2	99977505	2	99641291	2	99307331
3	99966261	3	99630123	3	99296238
4	99955020	4	99618957	4	99285147
5	99943782	5	99607794	5	99274058
6	99932546	6	99596634	6	99262972
7	99921312	7	99585475	7	99251889
8	99910081	8	99574320	8	99240808
9	99898852	9	99563167	9	99229729
10	99887626	40	99552016	70	99218653
1	99876403	1	99540868	1	99207579
2	99865182	2	99529722	2	99196508
3	99853964	3	99518579	3	99185440
4	99842748	4	99507438	4	99174373
5	99831534	5	99496300	5	99163310
6	99820323	6	99485164	6	99152248
7	99809115	7	99474031	7	99141189
8	99797909	8	99462900	8	99130133
9	99786706	9	99451772	9	99119079
20	99775505	50	99440646	80	99108028
1	99764307	1	99429523	1	99096979
2	99753111	2	99418402	2	99085932
3	99741918	3	99407284	3	99074888
4	99730727	4	99396168	4	99063847
5	99719539	5	99385055	5	99052808
6	99708353	6	99373944	6	99041771
7	99697170	7	99362836	7	99030737
8	99685989	8	99351730	8	99019705
9	99674811	9	99340627	9	99008676

4.05% Basis.

Present Value of $1. Due in

Days		Days		Days	
90	98997649	120	98667982	150	98340504
1	98986624	1	98657031	1	98329625
2	98975603	2	98646083	2	98318749
3	98964583	3	98635136	3	98307876
4	98953566	4	98624193	4	98297004
5	98942551	5	98613251	5	98286136
6	98931539	6	98602312	6	98275269
7	98920530	7	98591376	7	98264405
8	98909523	8	98580442	8	98253543
9	98898518	9	98569510	9	98242684
100	98887515	130	98558581	160	98231827
1	98876516	1	98547654	1	98220973
2	98865518	2	98536730	2	98210121
3	98854523	3	98525808	3	98199271
4	98843531	4	98514888	4	98188424
5	98832541	5	98503971	5	98177579
6	98821553	6	98493056	6	98166736
7	98810568	7	98482144	7	98155896
8	98799585	8	98471234	8	98145058
9	98788605	9	98460327	9	98134223
110	98777627	140	98449422	170	98123390
1	98766651	1	98438519	1	98112560
2	98755678	2	98427619	2	98101731
3	98744708	3	98416721	3	98090906
4	98733740	4	98405826	4	98080082
5	98722774	5	98394933	5	98069261
6	98711811	6	98384042	6	98058443
7	98700850	7	98373154	7	98047627
8	98689892	8	98362268	8	98036813
9	98678936	9	98351385	9	98026001
				180	98015192

$4\frac{1}{16}\%$ Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99662601	60	99327470
1	99988717	1	99651393	1	99316338
2	99977436	2	99640188	2	99305208
3	99966157	3	99628986	3	99294081
4	99954881	4	99617786	4	99282956
5	99943608	5	99606589	5	99271834
6	99932337	6	99595394	6	99260714
7	99921069	7	99584201	7	99249597
8	99909804	8	99573012	8	99238482
9	99898541	9	99561824	9	99227370
10	99887280	40	99550639	70	99216260
1	99876022	1	99539457	1	99205153
2	99864766	2	99528277	2	99194048
3	99853514	3	99517100	3	99182946
4	99842263	4	99505925	4	99171846
5	99831015	5	99494753	5	99160749
6	99819770	6	99483583	6	99149654
7	99808527	7	99472416	7	99138562
8	99797287	8	99461252	8	99127472
9	99786049	9	99450089	9	99116384
20	99774814	50	99438930	80	99105299
1	99763581	1	99427772	1	99094217
2	99752351	2	99416618	2	99083136
3	99741123	3	99405466	3	99072059
4	99729898	4	99394316	4	99060984
5	99718676	5	99383169	5	99049912
6	99707456	6	99372024	6	99038842
7	99696238	7	99360882	7	99027774
8	99685023	8	99349742	8	99016709
9	99673811	9	99338605	9	99005646

$4\frac{1}{16}\%$ Basis.

Present Value of $1. Due in

Days		Days		Days	
90	98994586	**120**	98663926	**150**	98335467
1	98983529	1	98652942	1	98324556
2	98972473	2	98641961	2	98313648
3	98961421	3	98630981	3	98302742
4	98950370	4	98620005	4	98291838
5	98939322	5	98609031	5	98280937
6	98928277	6	98598059	6	98270038
7	98917234	7	98587090	7	98259141
8	98906194	8	98576123	8	98248247
9	98895156	9	98565158	9	98237355
100	98884120	**130**	98554196	**160**	98226467
1	98873087	1	98543237	1	98215580
2	98862057	2	98532280	2	98204695
3	98851028	3	98521325	3	98193813
4	98840003	4	98510373	4	98182934
5	98828980	5	98499423	5	98172057
6	98817959	6	98488475	6	98161182
7	98806941	7	98477531	7	98150310
8	98795925	8	98466588	8	98139440
9	98784911	9	98455648	9	98128572
110	98773900	**140**	98444710	**170**	98117707
1	98762892	1	98433775	1	98106845
2	98751886	2	98422842	2	98095984
3	98740882	3	98411912	3	98085126
4	98729881	4	98400984	4	98074271
5	98718883	5	98390059	5	98063418
6	98707886	6	98379135	6	98052567
7	98696893	7	98368215	7	98041719
8	98685901	8	98357297	8	98030873
9	98674912	9	98346381	9	98020029
				180	98009188

4.10% Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
		30	99659497	60	99321304
1	99988612	1	99648187	1	99310071
2	99977227	2	99636879	2	99298840
3	99965845	3	99625574	3	99287611
4	99954465	4	99614271	4	99276385
5	99943088	5	99602971	5	99265162
6	99931713	6	99591674	6	99253941
7	99920341	7	99580379	7	99242723
8	99908972	8	99569087	8	99231507
9	99897605	9	99557797	9	99220294
10	99886241	40	99546510	70	99209083
1	99874879	1	99535226	1	99197875
2	99863520	2	99523944	2	99186669
3	99852163	3	99512664	3	99175466
4	99840809	4	99501387	4	99164266
5	99829458	5	99490113	5	99153068
6	99818109	6	99478841	6	99141872
7	99806763	7	99467572	7	99130679
8	99795419	8	99456306	8	99119489
9	99784078	9	99445041	9	99108301
20	99772740	50	99433780	80	99097115
1	99761404	1	99422521	1	99085932
2	99750071	2	99411264	2	99074752
3	99738740	3	99400010	3	99063574
4	99727412	4	99388759	4	99052399
5	99716086	5	99377510	5	99041226
6	99704763	6	99366264	6	99030056
7	99693443	7	99355020	7	99018888
8	99682125	8	99343779	8	99007723
9	99670809	9	99332541	9	98996560

4.10% Basis.

Present Value of $1. Due in

Days		Days		Days	
90	98985400	120	98651759	150	98320361
1	98974242	1	98640677	1	98309352
2	98963087	2	98629597	2	98298346
3	98951934	3	98618519	3	98287343
4	98940784	4	98607444	4	98276342
5	98929636	5	98596371	5	98265344
6	98918491	6	98585301	6	98254348
7	98907349	7	98574233	7	98243354
8	98896208	8	98563168	8	98232363
9	98885071	9	98552105	9	98221375
100	98873936	130	98541045	160	98210388
1	98862803	1	98529987	1	98199405
2	98851673	2	98518932	2	98188424
3	98840545	3	98507879	3	98177445
4	98829420	4	98496829	4	98166469
5	98818298	5	98485781	5	98155495
6	98807178	6	98474736	6	98144523
7	98796060	7	98463693	7	98133554
8	98784945	8	98452652	8	98122588
9	98773833	9	98441615	9	98111624
110	98762723	140	98430579	170	98100662
1	98751615	1	98419546	1	98089703
2	98740510	2	98408516	2	98078746
3	98729407	3	98397488	3	98067792
4	98718307	4	98386462	4	98056840
5	98707210	5	98375439	5	98045891
6	98696115	6	98364418	6	98034944
7	98685022	7	98353400	7	98024000
8	98673932	8	98342384	8	98013058
9	98662844	9	98331371	9	98002118
				180	97991181

$4\frac{1}{8}\%$ Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99657428	60	99317194
1	99988543	1	99646049	1	99305893
2	99977089	2	99634673	2	99294595
3	99965637	3	99623299	3	99283299
4	99954188	4	99611929	4	99272005
5	99942741	5	99600560	5	99260714
6	99931297	6	99589195	6	99249426
7	99919856	7	99577831	7	99238141
8	99908417	8	99566471	8	99226857
9	99896981	9	99555113	9	99215577
10	99885548	40	99543758	70	99204299
1	99874117	1	99532405	1	99193023
2	99862689	2	99521055	2	99181751
3	99851263	3	99509707	3	99170480
4	99839840	4	99498362	4	99159213
5	99828420	5	99487020	5	99147947
6	99817002	6	99475680	6	99136685
7	99805587	7	99464343	7	99125425
8	99794175	8	99453008	8	99114167
9	99782765	9	99441676	9	99102912
20	99771357	50	99430347	80	99091660
1	99759953	1	99419020	1	99080410
2	99748551	2	99407696	2	99069163
3	99737151	3	99396374	3	99057918
4	99725754	4	99385055	4	99046676
5	99714360	5	99373738	5	99035436
6	99702968	6	99362424	6	99024199
7	99691579	7	99351113	7	99012965
8	99680193	8	99339804	8	99001733
9	99668809	9	99328498	9	98990503

$4\frac{1}{8}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	98979276	120	98643650	150	98310292
1	98968052	1	98632501	1	98299219
2	98956830	2	98621356	2	98288148
3	98945611	3	98610212	3	98277080
4	98934394	4	98599072	4	98266014
5	98923180	5	98587933	5	98254951
6	98911968	6	98576797	6	98243890
7	98900759	7	98565664	7	98232832
8	98889553	8	98554534	8	98221777
9	98878349	9	98543405	9	98210723
100	98867147	130	98532280	160	98199673
1	98855948	1	98521156	1	98188624
2	98844752	2	98510036	2	98177579
3	98833558	3	98498918	3	98166535
4	98822367	4	98487802	4	98155495
5	98811178	5	98476689	5	98144456
6	98799992	6	98465578	6	98133421
7	98788808	7	98454470	7	98122387
8	98777627	8	98443364	8	98111356
9	98766448	9	98432261	9	98100328
110	98755272	140	98421161	170	98089302
1	98744098	1	98410062	1	98078279
2	98732927	2	98398967	2	98067258
3	98721759	3	98387874	3	98056239
4	98710593	4	98376783	4	98045223
5	98699429	5	98365695	5	98034210
6	98688268	6	98354609	6	98023199
7	98677110	7	98343526	7	98012190
8	98665954	8	98332446	8	98001184
9	98654801	9	98321367	9	97990181
				180	97979179

$4\frac{3}{16}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99652255	60	99306920
1	99988369	1	99640705	1	99295451
2	99976742	2	99629158	2	99283983
3	99965116	3	99617614	3	99272519
4	99953494	4	99606072	4	99261057
5	99941874	5	99594533	5	99249597
6	99930257	6	99582996	6	99238141
7	99918643	7	99571462	7	99226686
8	99907031	8	99559931	8	99215235
9	99895422	9	99548403	9	99203786
10	99883816	40	99536877	70	99192340
1	99872212	1	99525354	1	99180897
2	99860611	2	99513833	2	99169456
3	99849013	3	99502316	3	99158018
4	99837418	4	99490801	4	99146582
5	99825825	5	99479288	5	99135149
6	99814235	6	99467778	6	99123719
7	99802647	7	99456271	7	99112291
8	99791062	8	99444767	8	99100866
9	99779480	9	99433265	9	99089444
20	99767901	50	99421766	80	99078024
1	99756324	1	99410269	1	99066607
2	99744750	2	99398775	2	99055192
3	99733179	3	99387284	3	99043780
4	99721611	4	99375796	4	99032371
5	99710045	5	99364310	5	99020965
6	99698481	6	99352827	6	99009561
7	99686921	7	99341346	7	98998159
8	99675363	8	99329868	8	98986761
9	99663808	9	99318393	9	98975364

$4\frac{3}{16}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	98963971	120	98623382	150	98285129
1	98952580	1	98612069	1	98273894
2	98941192	2	98600759	2	98262662
3	98929806	3	98589452	3	98251432
4	98918423	4	98578147	4	98240204
5	98907043	5	98566845	5	98228979
6	98895665	6	98555545	6	98217757
7	98884290	7	98544248	7	98206537
8	98872917	8	98532954	8	98195320
9	98861547	9	98521662	9	98184105
100	98850180	130	98510373	160	98172893
1	98838816	1	98499086	1	98161684
2	98827453	2	98487802	2	98150477
3	98816094	3	98476520	3	98139273
4	98804737	4	98465241	4	98128071
5	98793383	5	98453965	5	98116872
6	98782031	6	98442691	6	98105675
7	98770682	7	98431420	7	98094481
8	98759336	8	98420152	8	98083289
9	98747992	9	98408886	9	98072100
110	98736651	140	98397622	170	98060914
1	98725312	1	98386361	1	98049730
2	98713976	2	98375103	2	98038548
3	98702643	3	98363847	3	98027369
4	98691312	4	98352594	4	98016193
5	98679984	5	98341343	5	98005019
6	98668658	6	98330095	6	97993848
7	98657335	7	98318850	7	97982680
8	98646015	8	98307607	8	97971513
9	98634697	9	98296367	9	97960350
				180	97949189

4.20% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99651221	60	99304866
1	99988335	1	99639637	1	99293362
2	99976672	2	99628055	2	99281861
3	99965012	3	99616477	3	99270363
4	99953355	4	99604901	4	99258867
5	99941701	5	99593327	5	99247374
6	99930049	6	99581757	6	99235884
7	99918400	7	99570189	7	99224396
8	99906754	8	99558623	8	99212911
9	99895110	9	99547061	9	99201429
10	99883469	40	99535501	70	99189949
1	99871831	1	99523944	1	99178472
2	99860196	2	99512389	2	99166997
3	99848563	3	99500837	3	99155525
4	99836933	4	99489288	4	99144056
5	99825306	5	99477742	5	99132590
6	99813681	6	99466198	6	99121126
7	99802059	7	99454657	7	99109665
8	99790440	8	99443119	8	99098206
9	99778824	9	99431583	9	99086750
20	99767210	50	99420050	80	99075297
1	99755599	1	99408519	1	99063847
2	99743990	2	99396992	2	99052399
3	99732385	3	99385467	3	99040953
4	99720782	4	99373944	4	99029511
5	99709182	5	99362424	5	99018071
6	99697584	6	99350907	6	99006633
7	99685989	7	99339393	7	98995199
3	99674397	8	99327881	8	98983767
9	99662808	9	99316372	9	98972337

4.20% Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
90	98960910	120	98619329	150	98280098
1	98949486	1	98607984	1	98268831
2	98938065	2	98596641	2	98257566
3	98926646	3	98585301	3	98246303
4	98915230	4	98573963	4	98235044
5	98903816	5	98562628	5	98223787
6	98892405	6	98551296	6	98212532
7	98880997	7	98539966	7	98201280
8	98869591	8	98528639	8	98190030
9	98858188	9	98517314	9	98178784
100	98846787	130	98505992	160	98167539
1	98835390	1	98494673	1	98156298
2	98823994	2	98483356	2	98145058
3	98812602	3	98472042	3	98133822
4	98801212	4	98460731	4	98122588
5	98789825	5	98449422	5	98111356
6	98778440	6	98438115	6	98100128
7	98767058	7	98426811	7	98088901
8	98755678	8	98415510	8	98077678
9	98744302	9	98404212	9	98066456
110	98732927	140	98392916	170	98055238
1	98721556	1	98381622	1	98044022
2	98710187	2	98370332	2	98032808
3	98698821	3	98359043	3	98021597
4	98687457	4	98347758	4	98010389
5	98676096	5	98336475	5	97999183
6	98664737	6	98325194	6	97987980
7	98653381	7	98313916	7	97976780
8	98642028	8	98302641	8	97965581
9	98630677	9	98291368	9	97954386
				180	97943193

$4\frac{1}{4}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99647083	**60**	99296649
1	99988196	1	99635362	1	99285010
2	99976394	2	99623644	2	99273374
3	99964596	3	99611929	3	99261741
4	99952800	4	99600216	4	99250110
5	99941007	5	99588506	5	99238482
6	99929217	6	99576799	6	99226857
7	99917429	7	99565094	7	99215235
8	99905645	8	99553392	8	99203615
9	99893863	9	99541693	9	99191999
10	99882084	**40**	99529997	**70**	99180384
1	99870307	1	99518304	1	99168773
2	99858534	2	99506613	2	99157164
3	99846763	3	99494925	3	99145558
4	99834995	4	99483240	4	99133955
5	99823230	5	99471557	5	99122354
6	99811467	6	99459878	6	99110756
7	99799708	7	99448201	7	99099161
8	99787951	8	99436526	8	99087569
9	99776196	9	99424855	9	99075979
20	99764445	**50**	99413187	**80**	99064392
1	99752696	1	99401520	1	99052808
2	99740951	2	99389857	2	99041226
3	99729207	3	99378196	3	99029647
4	99717467	4	99366538	4	99018071
5	99705730	5	99354883	5	99006497
6	99693995	6	99343231	6	98994927
7	99682263	7	99331581	7	98983358
8	99670534	8	99319934	8	98971793
9	99658807	9	99308290	9	98960230

$4\frac{1}{4}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	98948670	**120**	98603122	**150**	98259980
1	98937113	1	98591646	1	98248583
2	98925559	2	98580172	2	98237188
3	98914007	3	98568700	3	98225797
4	98902457	4	98557232	4	98214408
5	98890911	5	98545766	5	98203021
6	98879367	6	98534302	6	98191637
7	98867826	7	98522842	7	98180256
8	98856288	8	98511384	8	98168878
9	98844752	9	98499928	9	98157502
100	98833219	**130**	98488475	**160**	98146129
1	98821689	1	98477025	1	98134758
2	98810161	2	98465578	2	98123390
3	98798636	3	98454133	3	98112025
4	98787114	4	98442691	4	98100662
5	98775594	5	98431252	5	98089302
6	98764077	6	98419815	6	98077945
7	98752563	7	98408381	7	98066590
8	98741052	8	98396950	8	98055238
9	98729543	9	98385521	9	98043888
110	98718037	**140**	98374095	**170**	98032541
1	98706533	1	98362671	1	98021197
2	98695032	2	98351251	2	98009855
3	98683534	3	98339832	3	97998516
4	98672039	4	98328417	4	97987180
5	98660546	5	98317004	5	97975846
6	98649056	6	98305594	6	97964515
7	98637569	7	98294186	7	97953187
8	98626084	8	98282781	8	97941861
9	98614602	9	98271379	9	97930537
				180	97919217

4.30% Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
		30	99642946	**60**	99288433
1	99988057	1	99631088	1	99276659
2	99976117	2	99619233	2	99264888
3	99964180	3	99607381	3	99253120
4	99952245	4	99595531	4	99241355
5	99940313	5	99583685	5	99229592
6	99928385	6	99571841	6	99217833
7	99916459	7	99560000	7	99206076
8	99904536	8	99548162	8	99194322
9	99892615	9	99536327	9	99182570
10	99880698	**40**	99524494	**70**	99170822
1	99868784	1	99512664	1	99159076
2	99856872	2	99500837	2	99147333
3	99844963	3	99489013	3	99135593
4	99833057	4	99477192	4	99123855
5	99821154	5	99465374	5	99112121
6	99809253	6	99453558	6	99100389
7	99797356	7	99441745	7	99088660
8	99785461	8	99429935	8	99076933
9	99773569	9	99418128	9	99065210
20	99761680	**50**	99406323	**80**	99053489
1	99749794	1	99394522	1	99041771
2	99737911	2	99382723	2	99030056
3	99726030	3	99370927	3	99018343
4	99714153	4	99359134	4	99006633
5	99702278	5	99347343	5	98994927
6	99690406	6	99335556	6	98983222
7	99678537	7	99323771	7	98971521
8	99666670	8	99311989	8	98959822
9	99654807	9	99300209	9	98948126

4.30% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	98936433	**120**	98586921	**150**	98239869
1	98924743	1	98575313	1	98228343
2	98913055	2	98563708	2	98216819
3	98901371	3	98552105	3	98205298
4	98889689	4	98540506	4	98193780
5	98878009	5	98528909	5	98182264
6	98866333	6	98517314	6	98170752
7	98854659	7	98505723	7	98159242
8	98842988	8	98494134	8	98147734
9	98831320	9	98482548	9	98136229
100	98819654	**130**	98470965	**160**	98124727
1	98807991	1	98459384	1	98113228
2	98796331	2	98447806	2	98101731
3	98784674	3	98436231	3	98090238
4	98773020	4	98424659	4	98078746
5	98761368	5	98413089	5	98067258
6	98749719	6	98401522	6	98055772
7	98738073	7	98389958	7	98044289
8	98726429	8	98378396	8	98032808
9	98714788	9	98366837	9	98021331
110	98703150	**140**	98355281	**170**	98009855
1	98691515	1	98343728	1	97998383
2	98679882	2	98332177	2	97986913
3	98668253	3	98320629	3	97975446
4	98656626	4	98309084	4	97963982
5	98645001	5	98297541	5	97952520
6	98633380	6	98286001	6	97941061
7	98621761	7	98274464	7	97929605
8	98610145	8	98262930	8	97918151
9	98598531	9	98251398	9	97906700
				180	97895252

$4\frac{5}{16}\%$ Basis.

Present Value of $1. —Due in

Days		Days		Days	
		30	99641912	60	99286379
1	99988022	1	99630021	1	99274572
2	99976047	2	99618131	2	99262767
3	99964075	3	99606244	3	99250965
4	99952106	4	99594360	4	99239166
5	99940140	5	99582480	5	99227370
6	99928177	6	99570602	6	99215577
7	99916216	7	99558727	7	99203786
8	99904258	8	99546854	8	99191999
9	99892304	9	99534985	9	99180214
10	99880352	40	99523118	70	99168431
1	99868403	1	99511255	1	99156652
2	99856456	2	99499394	2	99144875
3	99844513	3	99487536	3	99133102
4	99832572	4	99475680	4	99121331
5	99820635	5	99463828	5	99109563
6	99808700	6	99451978	6	99097797
7	99796768	7	99440131	7	99086035
8	99784839	8	99428287	8	99074275
9	99772913	9	99416446	9	99062518
20	99760989	50	99404608	80	99050764
1	99749069	1	99392772	1	99039012
2	99737151	2	99380940	2	99027263
3	99725236	3	99369110	3	99015518
4	99713324	4	99357283	4	99003775
5	99701415	5	99345458	5	98992034
6	99689509	6	99333637	6	98980297
7	99677605	7	99321818	7	98968562
8	99665705	8	99310002	8	98956830
9	99653807	9	99298189	9	98945101

$4\frac{5}{16}\%$ Basis.

Present Value of $1. Due in

Days		Days		Days	
90	98933375	120	98582871	150	98234843
1	98921651	1	98571231	1	98223284
2	98909930	2	98559593	2	98211728
3	98898212	3	98547957	3	98200175
4	98886497	4	98536325	4	98188624
5	98874784	5	98524695	5	98177077
6	98863075	6	98513068	6	98165532
7	98851368	7	98501444	7	98153989
8	98839664	8	98489823	8	98142450
9	98827962	9	98478204	9	98130913
100	98816264	130	98466588	160	98119379
1	98804568	1	98454975	1	98107847
2	98792875	2	98443364	2	98096318
3	98781184	3	98431757	3	98084792
4	98769497	4	98420152	4	98073269
5	98757812	5	98408549	5	98061748
6	98746130	6	98396950	6	98050230
7	98734451	7	98385353	7	98038715
8	98722774	8	98373759	8	98027203
9	98711100	9	98362167	9	98015693
110	98699429	140	98350579	170	98004186
1	98687761	1	98338993	1	97992681
2	98676096	2	98327410	2	97981179
3	98664433	3	98315829	3	97969680
4	98652773	4	98304252	4	97958184
5	98641116	5	98292677	5	97946690
6	98629461	6	98281104	6	97935200
7	98617810	7	98269535	7	97923711
8	98606161	8	98257968	8	97912226
9	98594515	9	98246404	9	97900743
				180	97889263

4.35% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99638809	60	99280218
1	99987918	1	99626815	1	99268310
2	99975839	2	99614823	2	99256404
3	99963763	3	99602834	3	99244501
4	99951690	4	99590848	4	99232601
5	99939620	5	99578864	5	99220704
6	99927553	6	99566884	6	99208810
7	99915488	7	99554907	7	99196918
8	99903427	8	99542932	8	99185030
9	99891368	9	99530960	9	99173144
10	99879312	40	99518992	70	99161261
1	99867260	1	99507026	1	99149381
2	99855210	2	99495063	2	99137504
3	99843163	3	99483102	3	99125629
4	99831119	4	99471145	4	99113758
5	99819078	5	99459191	5	99101889
6	99807040	6	99447239	6	99090023
7	99795004	7	99435290	7	99078160
8	99782972	8	99423345	8	99066300
9	99770943	9	99411402	9	99054443
20	99758916	50	99399462	80	99042588
1	99746892	1	99387524	1	99030737
2	99734871	2	99375590	2	99018888
3	99722854	3	99363659	3	99007042
4	99710839	4	99351730	4	98995199
5	99698826	5	99339804	5	98983358
6	99686817	6	99327881	6	98971521
7	99674811	7	99315961	7	98959686
8	99662808	8	99304044	8	98947854
9	99650807	9	99292130	9	98936025

4.35% Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
90	98924199	120	98570724	150	98219767
1	98912376	1	98558985	1	98208111
2	98900555	2	98547249	2	98196458
3	98888738	3	98535516	3	98184808
4	98876923	4	98523785	4	98173161
5	98865111	5	98512057	5	98161517
6	98853302	6	98500332	6	98149875
7	98841495	7	98488610	7	98138236
8	98829692	8	98476891	8	98126600
9	98817891	9	98465174	9	98114966
100	98806093	130	98453460	160	98103336
1	98794298	1	98441749	1	98091708
2	98782506	2	98430041	2	98080082
3	98770716	3	98418335	3	98068460
4	98758929	4	98406633	4	98056840
5	98747146	5	98394933	5	98045223
6	98735365	6	98383235	6	98033609
7	98723586	7	98371541	7	98021998
8	98711811	8	98359850	8	98010389
9	98700038	9	98348161	9	97998783
110	98688268	140	98336475	170	97987180
1	98676501	1	98324791	1	97975580
2	98664737	2	98313111	2	97963982
3	98652976	3	98301433	3	97952387
4	98641217	4	98289758	4	97940795
5	98629461	5	98278086	5	97929205
6	98617708	6	98266417	6	97917619
7	98605958	7	98254750	7	97906035
8	98594211	8	98243086	8	97894453
9	98582466	9	98231425	9	97882875
				180	97871299

$4\frac{3}{8}$% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99636741	60	99276112
1	99987849	1	99624678	1	99264136
2	99975700	2	99612618	2	99252163
3	99963555	3	99600560	3	99240192
4	99951413	4	99588506	4	99228225
5	99939273	5	99576455	5	99216260
6	99927136	6	99564406	6	99204299
7	99915003	7	99552360	7	99192340
8	99902872	8	99540317	8	99180384
9	99890744	9	99528277	9	99168431
10	99878620	40	99516240	70	99156481
1	99866498	1	99504206	1	99144534
2	99854379	2	99492175	2	99132590
3	99842263	3	99480147	3	99120648
4	99830150	4	99468122	4	99108710
5	99818040	5	99456099	5	99096774
6	99805933	6	99444080	6	99084841
7	99793829	7	99432063	7	99072911
8	99781727	8	99420050	8	99060984
9	99769629	9	99408039	9	99049060
20	99757534	50	99396031	80	99037139
1	99745441	1	99384026	1	99025220
2	99733352	2	99372024	2	99013305
3	99721265	3	99360025	3	99001392
4	99709182	4	99348029	4	98989482
5	99697101	5	99336035	5	98977575
6	99685023	6	99324045	6	98965671
7	99672948	7	99312057	7	98953770
8	99660876	8	99300072	8	98941872
9	99648807	9	99288091	9	98929976

$4\frac{3}{8}\%$ Basis.

Present Value of $1. Due in

Days		Days		Days	
90	98918083	120	98562628	150	98209719
1	98906194	1	98550824	1	98197999
2	98894307	2	98539022	2	98186281
3	98882423	3	98527223	3	98174567
4	98870541	4	98515427	4	98162855
5	98858663	5	98503634	5	98151146
6	98846787	6	98491844	6	98139440
7	98834915	7	98480056	7	98127736
8	98823045	8	98468271	8	98116036
9	98811178	9	98456489	9	98104338
100	98799314	130	98444710	160	98092643
1	98787453	1	98432934	1	98080951
2	98775594	2	98421161	2	98069261
3	98763739	3	98409390	3	98057575
4	98751886	4	98397622	4	98045891
5	98740036	5	98385857	5	98034210
6	98728189	6	98374095	6	98022532
7	98716345	7	98362335	7	98010856
8	98704503	8	98350579	8	97999183
9	98692665	9	98338825	9	97987513
110	98680829	140	98327074	170	97975846
1	98668996	1	98315326	1	97964182
2	98657166	2	98303581	2	97952520
3	98645339	3	98291838	3	97940861
4	98633515	4	98280098	4	97929205
5	98621693	5	98268361	5	97917552
6	98609875	6	98256627	6	97905902
7	98598059	7	98244896	7	97894254
8	98586246	8	98233167	8	97882609
9	98574436	9	98221442	9	97870967
				180	97859327

4.40% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99634673	60	99272005
1	99987779	1	99622541	1	99259962
2	99975562	2	99610413	2	99247921
3	99963347	3	99598287	3	99235884
4	99951135	4	99586164	4	99223849
5	99938926	5	99574044	5	99211817
6	99926720	6	99561928	6	99199788
7	99914518	7	99549814	7	99187762
8	99902318	8	99537703	8	99175739
9	99890121	9	99525595	9	99163719
10	99877927	40	99513490	70	99151702
1	99865736	1	99501387	1	99139688
2	99853548	2	99489288	2	99127676
3	99841363	3	99477192	3	99115668
4	99829181	4	99465099	4	99103662
5	99817002	5	99453008	5	99091660
6	99804826	6	99440921	6	99079660
7	99792653	7	99428837	7	99067663
8	99780483	8	99416755	8	99055669
9	99768316	9	99404676	9	99043678
20	99756152	50	99392601	80	99031690
1	99743990	1	99380528	1	99019705
2	99731832	2	99368458	2	99007723
3	99719677	3	99356391	3	98995743
4	99707525	4	99344327	4	98983767
5	99695375	5	99332266	5	98971793
6	99683229	6	99320208	6	98959822
7	99671085	7	99308153	7	98947854
8	99658945	8	99296101	8	98935890
9	99646807	9	99284052	9	98923927

4.40% Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
90	98911968	120	98554534	150	98199673
1	98900012	1	98542663	1	98187888
2	98888059	2	98530796	2	98176106
3	98876108	3	98518932	3	98164327
4	98864161	4	98507071	4	98152551
5	98852216	5	98495212	5	98140777
6	98840274	6	98483356	6	98129007
7	98828335	7	98471503	7	98117239
8	98816399	8	98459653	8	98105474
9	98804466	9	98447806	9	98093712
100	98792536	130	98435962	160	98081953
1	98780608	1	98424120	1	98070196
2	98768684	2	98412282	2	98058443
3	98756762	3	98400446	3	98046692
4	98744843	4	98388613	4	98034944
5	98732927	5	98376783	5	98023199
6	98721014	6	98364956	6	98011456
7	98709104	7	98353131	7	97999717
8	98697197	8	98341310	8	97987980
9	98685293	9	98329491	9	97976246
110	98673391	140	98317675	170	97964515
1	98661492	1	98305862	1	97952787
2	98649597	2	98294052	2	97941061
3	98637704	3	98282245	3	97929339
4	98625814	4	98270440	4	97917619
5	98613926	5	98258639	5	97905902
6	98602042	6	98246840	6	97894187
7	98590161	7	98235044	7	97882476
8	98578282	8	98223251	8	97870767
9	98566406	9	98211460	9	97859061
				180	97847358

$4\frac{7}{16}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99631571	**60**	99265846
1	99987675	1	99619337	1	99253702
2	99975353	2	99607105	2	99241560
3	99963035	3	99594877	3	99229422
4	99950719	4	99582652	4	99217286
5	99938406	5	99570430	5	99205153
6	99926096	6	99558210	6	99193023
7	99913790	7	99545994	7	99180897
8	99901486	8	99533781	8	99168773
9	99889185	9	99521571	9	99156652
10	99876888	**40**	99509364	**70**	99144534
1	99864593	1	99497159	1	99132419
2	99852302	2	99484958	2	99120307
3	99840013	3	99472760	3	99108198
4	99827728	4	99460565	4	99096092
5	99815445	5	99448372	5	99083989
6	99803166	6	99436183	6	99071889
7	99790890	7	99423997	7	99059792
8	99778616	8	99411813	8	99047698
9	99766346	9	99399633	9	99035606
20	99754078	**50**	99387456	**80**	99023518
1	99741814	1	99375281	1	99011433
2	99729553	2	99363110	2	98999350
3	99717295	3	99350942	3	98987271
4	99705039	4	99338776	4	98975194
5	99692787	5	99326614	5	98963121
6	99680538	6	99314454	6	98951050
7	99668291	7	99302298	7	98938982
8	99656048	8	99290144	8	98926918
9	99643808	9	99277994	9	98914856

$4\frac{7}{16}$% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	98902797	120	98542394	150	98184608
1	98890741	1	98530426	1	98172726
2	98878688	2	98518460	2	98160847
3	98866638	3	98506498	3	98148972
4	98854591	4	98494538	4	98137099
5	98842547	5	98482582	5	98125229
6	98830506	6	98470628	6	98113362
7	98818467	7	98458677	7	98101498
8	98806432	8	98446729	8	98089636
9	98794400	9	98434784	9	98077778
100	98782370	130	98422842	160	98065922
1	98770344	1	98410903	1	98054069
2	98758320	2	98398967	2	98042219
3	98746299	3	98387033	3	98030372
4	98734281	4	98375103	4	98018528
5	98722266	5	98363175	5	98006687
6	98710255	6	98351251	6	97994848
7	98698246	7	98339329	7	97983013
8	98686239	8	98327410	8	97971180
9	98674236	9	98315494	9	97959350
110	98662236	140	98303581	170	97947523
1	98650239	1	98291670	1	97935699
2	98638244	2	98279763	2	97923878
3	98626253	3	98267858	3	97912059
4	98614264	4	98255957	4	97900244
5	98602278	5	98244058	5	97888431
6	98590296	6	98232162	6	97876621
7	98578316	7	98220269	7	97864814
8	98566339	8	98208379	8	97853010
9	98554365	9	98196492	9	97841208
				180	97829410

4.45% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99630537	60	99263794
1	99987640	1	99618268	1	99251615
2	99975284	2	99606003	2	99239440
3	99962930	3	99593741	3	99227268
4	99950580	4	99581481	4	99215098
5	99938233	5	99569225	5	99202932
6	99925888	6	99556971	6	99190769
7	99913547	7	99544721	7	99178608
8	99901209	8	99532474	8	99166451
9	99888874	9	99520230	9	99154296
10	99876541	40	99507988	70	99142145
1	99864212	1	99495750	1	99129997
2	99851886	2	99483515	2	99117851
3	99839563	3	99471283	3	99105709
4	99827243	4	99459053	4	99093569
5	99814926	5	99446827	5	99081433
6	99802613	6	99434604	6	99069299
7	99790302	7	99422384	7	99057168
8	99777994	8	99410166	8	99045041
9	99765689	9	99397952	9	99032916
20	99753387	50	99385741	80	99020794
1	99741089	1	99373533	1	99008676
2	99728793	2	99361327	2	98996560
3	99716500	3	99349125	3	98984447
4	99704211	4	99336926	4	98972337
5	99691924	5	99324730	5	98960230
6	99679641	6	99312537	6	98948126
7	99667360	7	99300346	7	98936025
8	99655083	8	99288159	8	98923927
9	99642808	9	99275975	9	98911832

4.45% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	98899740	120	98538348	150	98179587
1	98887651	1	98526347	1	98167673
2	98875565	2	98514349	2	98155762
3	98863482	3	98502354	3	98143854
4	98851402	4	98490362	4	98131949
5	98839324	5	98478372	5	98120047
6	98827250	6	98466386	6	98108148
7	98815179	7	98454403	7	98096251
8	98803110	8	98442422	8	98084358
9	98791045	9	98430445	9	98072467
100	98778982	130	98418470	160	98060580
1	98766922	1	98406498	1	98048695
2	98754866	2	98394529	2	98036813
3	98742812	3	98382563	3	98024934
4	98730761	4	98370600	4	98013058
5	98718713	5	98358640	5	98001184
6	98706668	6	98346683	6	97989314
7	98694626	7	98334729	7	97977446
8	98682587	8	98322777	8	97965581
9	98670551	9	98310829	9	97953720
110	98658518	140	98298883	170	97941861
1	98646488	1	98286941	1	97930005
2	98634461	2	98275001	2	97918151
3	98622436	3	98263064	3	97906301
4	98610415	4	98251130	4	97894453
5	98598396	5	98239199	5	97882609
6	98586381	6	98227271	6	97870767
7	98574368	7	98215345	7	97858928
8	98562358	8	98203423	8	97847092
9	98550352	9	98191503	9	97835259
				180	97823429

4½ % Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99626401	60	99255583
1	99987502	1	99613996	1	99243270
2	99975006	2	99601594	2	99230960
3	99962514	3	99589195	3	99218653
4	99950025	4	99576799	4	99206349
5	99937539	5	99564406	5	99194048
6	99925056	6	99552016	6	99181751
7	99912576	7	99539629	7	99169456
8	99900100	8	99527246	8	99157164
9	99887626	9	99514865	9	99144875
10	99875156	40	99502488	70	99132590
1	99862689	1	99490113	1	99120307
2	99850225	2	99477742	2	99108028
3	99837764	3	99465374	3	99095751
4	99825306	4	99453008	4	99083478
5	99812851	5	99440646	5	99071207
6	99800399	6	99428287	6	99058940
7	99787951	7	99415931	7	99046676
8	99775505	8	99403579	8	99034414
9	99763063	9	99391229	9	99022156
20	99750623	50	99378882	80	99009901
1	99738187	1	99366538	1	98997649
2	99725754	2	99354198	2	98985400
3	99713324	3	99341860	3	98973154
4	99700897	4	99329526	4	98960910
5	99688474	5	99317194	5	98948670
6	99676053	6	99304866	6	98936433
7	99663635	7	99292541	7	98924199
8	99651221	8	99280218	8	98911968
9	99638809	9	99267899	9	98899740

4½% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	98887515	**120**	98522167	**150**	98159509
1	98875294	1	98510036	1	98147467
2	98863075	2	98497907	2	98135427
3	98850859	3	98485781	3	98123390
4	98838646	4	98473658	4	98111356
5	98826436	5	98461538	5	98099326
6	98814229	6	98449422	6	98087298
7	98802025	7	98437308	7	98075273
8	98789825	8	98425197	8	98063251
9	98777627	9	98413089	9	98051232
100	98765432	**130**	98400984	**160**	98039216
1	98753240	1	98388882	1	98027203
2	98741052	2	98376783	2	98015192
3	98728866	3	98364687	3	98003185
4	98716683	4	98352594	4	97991181
5	98704503	5	98340504	5	97979179
6	98692327	6	98328417	6	97967181
7	98680153	7	98316333	7	97955186
8	98667982	8	9830425[illegible]	8	97943193
9	98655815	9	98292173	9	97931203
110	98643650	**140**	98280098	**170**	97919217
1	98631488	1	98268026	1	97907233
2	98619329	2	98255957	2	97895252
3	98607174	3	98243890	3	97883274
4	98595021	4	98231827	4	97871299
5	98582871	5	98219767	5	97859327
6	98570724	6	98207709	6	97847358
7	98558581	7	98195655	7	97835392
8	98546440	8	98183603	8	97823429
9	98534302	9	98171555	9	97811468
				180	97799511

$4\frac{5}{8}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99616063	**60**	99235063
1	99987154	**1**	99603316	**1**	99222413
2	99974312	**2**	99590572	**2**	99209767
3	99961473	**3**	99577831	**3**	99197123
4	99948638	**4**	99565094	**4**	99184483
5	99935805	**5**	99552360	**5**	99171846
6	99922976	**6**	99539629	**6**	99159213
7	99910150	**7**	99526901	**7**	99146582
8	99897328	**8**	99514177	**8**	99133955
9	99884509	**9**	99501456	**9**	99121331
10	99871693	**40**	99488738	**70**	99108710
1	99858880	**1**	99476024	**1**	99096092
2	99846071	**2**	99463313	**2**	99083478
3	99833265	**3**	99450604	**3**	99070867
4	99820462	**4**	99437900	**4**	99058259
5	99807662	**5**	99425198	**5**	99045654
6	99794866	**6**	99412500	**6**	99033052
7	99782073	**7**	99399805	**7**	99020454
8	99769284	**8**	99387113	**8**	99007859
9	99756497	**9**	99374424	**9**	98995267
20	99743714	**50**	99361739	**80**	98982678
1	99730934	**1**	99349057	**1**	98970092
2	99718158	**2**	99336378	**2**	98957510
3	99705384	**3**	99323702	**3**	98944931
4	99692614	**4**	99311030	**4**	98932355
5	99679848	**5**	99298361	**5**	98919782
6	99667084	**6**	99285695	**6**	98907213
7	99654324	**7**	99273032	**7**	98894646
8	99641567	**8**	99260372	**8**	98882083
9	99628813	**9**	99247716	**9**	98869523

$4\frac{5}{8}$% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	98856966	120	98481740	150	98109351
1	98844413	1	98469281	1	98096987
2	98831862	2	98456826	2	98084625
3	98819315	3	98444374	3	98072267
4	98806771	4	98431925	4	98059912
5	98794230	5	98419479	5	98047560
6	98781692	6	98407036	6	98035211
7	98769158	7	98394596	7	98022865
8	98756627	8	98382160	8	98010523
9	98744098	9	98369727	9	97998183
100	98731574	130	98357297	160	97985846
1	98719052	1	98344870	1	97973513
2	98706533	2	98332446	2	97961183
3	98694018	3	98320025	3	97948856
4	98681505	4	98307607	4	97936532
5	98668996	5	98295193	5	97924211
6	98656490	6	98282781	6	97911893
7	98643988	7	98270373	7	97899578
8	98631488	8	98257968	8	97887266
9	98618992	9	98245566	9	97874958
110	98606498	140	98233167	170	97862652
1	98594008	1	98220772	1	97850350
2	98581521	2	98208379	2	97838051
3	98569038	3	98195990	3	97825755
4	98556557	4	98183603	4	97813462
5	98544080	5	98171220	5	97801172
6	98531605	6	98158840	6	97788885
7	98519134	7	98146463	7	97776601
8	98506666	8	98134089	8	97764320
9	98494201	9	98121719	9	97752042
				180	97739768

4$\frac{3}{4}$% Basis.

Present Value of $1. Due in

Days		Days		Days	
·		30	99605727	60	99214551
1	99986807	1	99592638	1	99201565
2	99973618	2	99579553	2	99188582
3	99960432	3	99566471	3	99175603
4	99947250	4	99553392	4	99162627
5	99934071	5	99540317	5	99149654
6	99920896	6	99527246	6	99136685
7	99907724	7	99514177	7	99123719
8	99894556	8	99501112	8	99110756
9	99881391	9	99488051	9	99097797
10	99868229	40	99474993	70	99084841
1	99855071	1	99461938	1	99071889
2	99841917	2	99448887	2	99058940
3	99828766	3	99435840	3	99045994
4	99815618	4	99422795	4	99033052
5	99802474	5	99409755	5	99020113
6	99789334	6	99396717	6	99007178
7	99776196	7	99383683	7	98994246
8	99763063	8	99370653	8	98981317
9	99749932	9	99357625	9	98968392
20	99736806	50	99344602	80	98955470
1	99723682	1	99331581	1	98942551
2	99710562	2	99318564	2	98929636
3	99697446	3	99305551	3	98916724
4	99684333	4	99292541	4	98903816
5	99671223	5	99279534	5	98890911
6	99658117	6	99266531	6	98878009
7	99645015	7	99253531	7	98865111
8	99631915	8	99240534	8	98852216
9	99618820	9	99227541	9	98839324

4¾% Basis.

Present Value of $1. Due in

Days		Days		Days	
90	98826436	120	98441345	150	98059244
1	98813551	1	98428561	1	98046559
2	98800670	2	98415779	2	98033876
3	98787791	3	98403001	3	98021197
4	98774917	4	98390227	4	98008521
5	98762045	5	98377455	5	97995849
6	98749177	6	98364687	6	97983180
7	98736312	7	98351922	7	97970514
8	98723451	8	98339161	8	97957851
9	98710593	9	98326403	9	97945192
100	98697738	130	98313648	160	97932535
1	98684887	1	98300896	1	97919882
2	98672039	2	98288148	2	97907233
3	98659194	3	98275403	3	97894587
4	98646353	4	98262662	4	97881944
5	98633515	5	98249923	5	97869304
6	98620680	6	98237188	6	97856667
7	98607849	7	98224457	7	97844034
8	98595021	8	98211728	8	97831404
9	98582196	9	98199003	9	97818777
110	98569375	140	98186281	170	97806154
1	98556557	1	98173563	1	97793533
2	98543742	2	98160847	2	97780916
3	98530931	3	98148136	3	97768303
4	98518123	4	98135427	4	97755692
5	98505319	5	98122722	5	97743085
6	98492517	6	98110019	6	97730481
7	98479719	7	98097321	7	97717880
8	98466925	8	98084625	8	97705283
9	98454133	9	98071933	9	97692689

$4\frac{7}{8}\%$ Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99595394	60	99194048
1	99986460	1	99581963	1	99180726
2	99972924	2	99568536	2	99167407
3	99959391	3	99555113	3	99154092
4	99945863	4	99541693	4	99140780
5	99932337	5	99528277	5	99127472
6	99918816	6	99514865	6	99114167
7	99905298	7	99501456	7	99100866
8	99891784	8	99488051	8	99087569
9	99878273	9	99474650	9	99074275
10	99864766	40	99461252	70	99060984
1	99851263	1	99447857	1	99047698
2	99837764	2	99434466	2	99034414
3	99824268	3	99421079	3	99021135
4	99810775	4	99407696	4	99007859
5	99797287	5	99394316	5	98994586
6	99783802	6	99380940	6	98981317
7	99770320	7	99367567	7	98968052
8	99756843	8	99354198	8	98954790
9	99743369	9	99340832	9	98941532
20	99729898	50	99327470	80	98928277
1	99716431	1	99314112	1	98915026
2	99702968	2	99300757	2	98901778
3	99689509	3	99287406	3	98888534
4	99676053	4	99274058	4	98875294
5	99662601	5	99260714	5	98862057
6	99649152	6	99247374	6	98848823
7	99635707	7	99234037	7	98835593
8	99622266	8	99220704	8	98822367
9	99608828	9	99207374	9	98809144

$4\frac{7}{8}\%$ Basis.

Present Value of $1. Due in

Days		Days		Days	
90	98795925	120	98400984	150	98009188
1	98782709	1	98387874	1	97996182
2	98769497	2	98374767	2	97983180
3	98756288	3	98361664	3	97970180
4	98743083	4	98348564	4	97957185
5	98729881	5	98335467	5	97944192
6	98716683	6	98322374	6	97931203
7	98703489	7	98309285	7	97918218
8	98690298	8	98296199	8	97905236
9	98677110	9	98283117	9	97892257
100	98663926	130	98270038	160	97879282
1	98650746	1	98256962	1	97866311
2	98637569	2	98243890	2	97853342
3	98624395	3	98230822	3	97840378
4	98611225	4	98217757	4	97827416
5	98598059	5	98204695	5	97814458
6	98584896	6	98191637	6	97801504
7	98571737	7	98178583	7	97788553
8	98558581	8	98165532	8	97775605
9	98545428	9	98152484	9	97762661
110	98532280	140	98139440	170	97749720
1	98519134	1	98126399	1	97736783
2	98505992	2	98113362	2	97723849
3	98492854	3	98100328	3	97710918
4	98479719	4	98087298	4	97697991
5	98466588	5	98074271	5	97685067
6	98453460	6	98061247	6	97672147
7	98440336	7	98048227	7	97659230
8	98427215	8	98035211	8	97646317
9	98414098	9	98022198	9	97633407
				180	97620500

5% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99585062	60	99173554
1	99986113	1	99571290	1	99159895
2	99972230	2	99557522	2	99146241
3	99958351	3	99543758	3	99132590
4	99944475	4	99529997	4	99118943
5	99930604	5	99516240	5	99105299
6	99916736	6	99502488	6	99091660
7	99902872	7	99488738	7	99078024
8	99889012	8	99474993	8	99064392
9	99875156	9	99461252	9	99050764
10	99861304	40	99447514	70	99037139
1	99847455	1	99433780	1	99023518
2	99833611	2	99420050	2	99009901
3	99819770	3	99406323	3	98996288
4	99805933	4	99392601	4	98982678
5	99792100	5	99378882	5	98969072
6	99778271	6	99365167	6	98955470
7	99764445	7	99351456	7	98941872
8	99750623	8	99337748	8	98928277
9	99736806	9	99324045	9	98914686
20	99722992	50	99310345	80	98901099
1	99709182	1	99296649	1	98887515
2	99695375	2	99282956	2	98873936
3	99681573	3	99269268	3	98860360
4	99667774	4	99255583	4	98846787
5	99653979	5	99241902	5	98833219
6	99640188	6	99228225	6	98819654
7	99626401	7	99214551	7	98806093
8	99612618	8	99200882	8	98792536
9	99598838	9	99187216	9	98778982

5% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	98765432	**120**	98360656	**150**	97959184
1	98751886	1	98347220	1	97945858
2	98738343	2	98333789	2	97932535
3	98724805	3	98320361	3	97919217
4	98711270	4	98306936	4	97905902
5	98697738	5	98293515	5	97892590
6	98684211	6	98280098	6	97879282
7	98670687	7	98266685	7	97865978
8	98657166	8	98253275	8	97852677
9	98643650	9	98239869	9	97839380
100	98630137	**130**	98226467	**160**	97826087
1	98616628	1	98213068	1	97812797
2	98603122	2	98199673	2	97799511
3	98589621	3	98186281	3	97786228
4	98576123	4	98172893	4	97772949
5	98562628	5	98159509	5	97759674
6	98549138	6	98146129	6	97746402
7	98535651	7	98132752	7	97733134
8	98522167	8	98119379	8	97719870
9	98508688	9	98106009	9	97706609
110	98495212	**140**	98092643	**170**	97693351
1	98481740	1	98079281	1	97680098
2	98468271	2	98065922	2	97666848
3	98454807	3	98052567	3	97653601
4	98441345	4	98039216	4	97640358
5	98427888	5	98025868	5	97627119
6	98414434	6	98012524	6	97613883
7	98400984	7	97999183	7	97600651
8	98387538	8	97985846	8	97587422
9	98374095	9	97972513	9	97574197
				180	97560976

$5\frac{1}{8}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99574733	**60**	99153068
1	99985766	**1**	99560620	**1**	99139074
2	99971536	**2**	99546510	**2**	99125083
3	99957310	**3**	99532405	**3**	99111097
4	99943088	**4**	99518304	**4**	99097115
5	99928870	**5**	99504206	**5**	99083136
6	99914656	**6**	99490113	**6**	99069163
7	99900446	**7**	99476024	**7**	99055192
8	99886241	**8**	99461938	**8**	99041226
9	99872039	**9**	99447857	**9**	99027263
10	99857841	**40**	99433780	**70**	99013305
1	99843648	**1**	99419707	**1**	98999350
2	99829458	**2**	99405637	**2**	98985400
3	99815272	**3**	99391572	**3**	98971453
4	99801091	**4**	99377510	**4**	98957510
5	99786913	**5**	99363453	**5**	98943571
6	99772740	**6**	99349399	**6**	98929636
7	99758570	**7**	99335350	**7**	98915705
8	99744405	**8**	99321304	**8**	98901778
9	99730244	**9**	99307263	**9**	98887855
20	99716086	**50**	99293225	**80**	98873936
1	99701933	**1**	99279192	**1**	98860020
2	99687783	**2**	99265162	**2**	98846109
3	99673638	**3**	99251136	**3**	98832201
4	99659497	**4**	99237115	**4**	98818298
5	99645359	**5**	99223097	**5**	98804398
6	99631226	**6**	99209083	**6**	98790502
7	99617097	**7**	99195073	**7**	98776611
8	99602971	**8**	99181067	**8**	98762723
9	99588850	**9**	99167066	**9**	98748839

$5\frac{1}{8}\%$ Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	98734958	**120**	98320361	**150**	97909230
1	98721082	1	98306601	1	97895585
2	98707210	2	98292844	2	97881944
3	98693341	3	98279092	3	97868306
4	98679477	4	98265344	4	97854672
5	98665616	5	98251599	5	97841042
6	98651759	6	98237858	6	97827416
7	98637906	7	98224122	7	97813794
8	98624057	8	98210388	8	97800175
9	98610212	9	98196659	9	97786560
100	98596371	**130**	98182934	**160**	97772949
1	98582534	1	98169212	1	97759342
2	98568700	2	98155495	2	97745739
3	98554871	3	98141781	3	97732139
4	98541045	4	98128071	4	97718543
5	98527223	5	98114365	5	97704951
6	98513405	6	98100662	6	97691363
7	98499591	7	98086964	7	97677779
8	98485781	8	98073269	8	97664198
9	98471975	9	98059578	9	97650622
110	98458172	**140**	98045891	**170**	97637048
1	98444374	1	98032208	1	97623478
2	98430579	2	98018528	2	97609913
3	98416788	3	98004853	3	97596351
4	98403001	4	97991181	4	97582793
5	98389218	5	97977513	5	97569239
6	98375439	6	97963849	6	97555688
7	98361664	7	97950188	7	97542141
8	98347892	8	97936532	8	97528598
9	98334124	9	97922879	9	97515058
				180	9750152

$5\frac{1}{4}\%$ Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99564406	60	99132590
1	99985419	1	99549951	1	99118260
2	99970842	2	99535501	2	99103935
3	99956269	3	99521055	3	99089614
4	99941701	4	99506613	4	99075297
5	99927136	5	99492175	5	99060984
6	99912576	6	99477742	6	99046676
7	99898021	7	99463313	7	99032371
8	99883469	8	99448887	8	99018071
9	99868922	9	99434466	9	99003775
10	99854379	40	99420050	70	98989482
1	99839840	1	99405637	1	98975194
2	99825306	2	99391229	2	98960910
3	99810775	3	99376824	3	98946631
4	99796249	4	99362424	4	98932355
5	99781727	5	99348029	5	98918083
6	99767210	6	99333637	6	98903816
7	99752696	7	99319249	7	98889553
8	99738187	8	99304866	8	98875294
9	99723682	9	99290487	9	98861038
20	99709182	50	99276112	80	98846787
1	99694685	1	99261741	1	98832541
2	99680193	2	99247374	2	98818298
3	99665705	3	99233012	3	98804059
4	99651221	4	99218653	4	98789825
5	99636741	5	99204299	5	98775594
6	99622266	6	99189949	6	98761368
7	99607794	7	99175603	7	98747146
8	99593327	8	99161261	8	98732927
9	99578864	9	99146923	9	98718713

5¼% Basis.

Present Value of $1. Due in

Days		Days		Days	
90	98704503	120	98280098	150	97859327
1	98690298	1	98266014	1	97845364
2	98676096	2	98251934	2	97831404
3	98661898	3	98237858	3	97817448
4	98647704	4	98223787	4	97803496
5	98633515	5	98209719	5	97789549
6	98619329	6	98195655	6	97775605
7	98605148	7	98181595	7	97761665
8	98590971	8	98167539	8	97747729
9	98576797	9	98153488	9	97733798
100	98562628	130	98139440	160	97719870
1	98548463	1	98125396	1	97705946
2	98534302	2	98111356	2	97692026
3	98520145	3	98097321	3	97678110
4	98505992	4	98083289	4	97664198
5	98491844	5	98069261	5	97650290
6	98477699	6	98055238	6	97636386
7	98463558	7	98041218	7	97622486
8	98449422	8	98027203	8	97608590
9	98435289	9	98013191	9	97594697
110	98421161	140	97999183	170	97580809
1	98407036	1	97985180	1	97566925
2	98392916	2	97971180	2	97553044
3	98378799	3	97957185	3	97539168
4	98364687	4	97943193	4	97525296
5	98350579	5	97929205	5	97511427
6	98336475	6	97915222	6	97497563
7	98322374	7	97901242	7	97483702
8	98308278	8	97887266	8	97469845
9	98294186	9	97873295	9	97455993
				180	97442144

5⅜% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99554081	**60**	99112121
1	99985072	1	99539285	1	99097456
2	99970148	2	99524494	2	99082796
3	99955228	3	99509707	3	99068140
4	99940313	4	99494925	4	99053489
5	99925403	5	99480147	5	99038842
6	99910497	6	99465374	6	99024199
7	99895595	7	99450604	7	99009561
8	99880698	8	99435840	8	98994927
9	99865805	9	99421079	9	98980297
10	99850917	**40**	99406323	**70**	98965671
1	99836033	1	99391572	1	98951050
2	99821154	2	99376824	2	98936433
3	99806279	3	99362082	3	98921821
4	99791408	4	99347343	4	98907213
5	99776542	5	99332609	5	98892609
6	99761680	6	99317879	6	98878009
7	99746823	7	99303154	7	98863414
8	99731970	8	99288433	8	98848823
9	99717122	9	99273716	9	98834236
20	99702278	**50**	99259004	**80**	98819654
1	99687438	1	99244296	1	98805076
2	99672603	2	99229592	2	98790502
3	99657772	3	99214893	3	98775933
4	99642946	4	99200198	4	98761368
5	99628124	5	99185508	5	98746807
6	99613307	6	99170822	6	98732250
7	99598494	7	99156140	7	98717698
8	99583685	8	99141462	8	98703150
9	99568881	9	99126789	9	98688607

$5\frac{3}{8}$% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	98674067	**120**	98239869	**150**	97809475
1	98659532	**1**	98225462	**1**	97795194
2	98645001	**2**	98211058	**2**	97780916
3	98630475	**3**	98196659	**3**	97766643
4	98615952	**4**	98182264	**4**	97752374
5	98601435	**5**	98167874	**5**	97738109
6	98586921	**6**	98153488	**6**	97723849
7	98572411	**7**	98139105	**7**	97709592
8	98557906	**8**	98124727	**8**	97695340
9	98543405	**9**	98110354	**9**	97681092
100	98528909	**130**	98095984	**160**	97666848
1	98514416	**1**	98081619	**1**	97652608
2	98499928	**2**	98067258	**2**	97638372
3	98485444	**3**	98052901	**3**	97624140
4	98470965	**4**	98038548	**4**	97609913
5	98456489	**5**	98024200	**5**	97595690
6	98442018	**6**	98009855	**6**	97581470
7	98427552	**7**	97995515	**7**	97567255
8	98413089	**8**	97981179	**8**	97553044
9	98398631	**9**	97966848	**9**	97538838
110	98384177	**140**	97952520	**170**	97524635
1	98369727	**1**	97938197	**1**	97510437
2	98355281	**2**	97923878	**2**	97496242
3	98340840	**3**	97909563	**3**	97482052
4	98326403	**4**	97895252	**4**	97467866
5	98311970	**5**	97880946	**5**	97453684
6	98297541	**6**	97866643	**6**	97439506
7	98283117	**7**	97852345	**7**	97425333
8	98268697	**8**	97838051	**8**	97411163
9	98254281	**9**	97823761	**9**	97396998
				180	97382836

5½% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99543758	60	99091660
1	99984725	1	99528621	1	99076661
2	99969454	2	99513490	2	99061666
3	99954188	3	99498362	3	99046676
4	99938926	4	99483240	4	99031690
5	99923669	5	99468122	5	99016709
6	99908417	6	99453008	6	99001733
7	99893170	7	99437900	7	98986761
8	99877927	8	99422795	8	98971793
9	99862689	9	99407696	9	98956830
10	99847455	40	99392601	70	98941872
1	99832226	1	99377510	1	98926918
2	99817002	2	99362424	2	98911968
3	99801783	3	99347343	3	98897023
4	99786568	4	99332266	4	98882083
5	99771357	5	99317194	5	98867147
6	99756152	6	99302127	6	98852216
7	99740951	7	99287064	7	98837289
8	99725754	8	99272005	8	98822367
9	99710562	9	99256951	9	98807449
20	99695375	50	99241902	80	98792536
1	99680193	1	99226857	1	98777627
2	99665015	2	99211817	2	98762723
3	99649842	3	99196782	3	98747823
4	99634673	4	99181751	4	98732927
5	99619509	5	99166724	5	98718037
6	99604349	6	99151702	6	98703150
7	99589195	7	99136685	7	98688268
8	99574044	8	99121672	8	98673391
9	99558899	9	99106664	9	98658518

5½% Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
90	98643650	120	98199673	150	97759674
1	98628786	1	98184942	1	97745075
2	98613926	2	98170216	2	97730481
3	98599072	3	98155495	3	97715891
4	98584221	4	98140777	4	97701305
5	98569375	5	98126065	5	97686724
6	98554534	6	98111356	6	97672147
7	98539696	7	98096652	7	97657575
8	98524864	8	98081953	8	97643006
9	98510036	9	98067258	9	97628442
100	98495212	130	98052567	160	97613883
1	98480393	1	98037881	1	97599328
2	98465578	2	98023199	2	97584777
3	98450768	3	98008521	3	97570230
4	98435962	4	97993848	4	97555688
5	98421161	5	97979179	5	97541150
6	98406364	6	97964515	6	97526617
7	98391571	7	97949855	7	97512087
8	98376783	8	97935200	8	97497563
9	98361999	9	97920548	9	97483042
110	98347220	140	97905902	170	97468526
1	98332446	1	97891259	1	97454014
2	98317675	2	97876621	2	97439506
3	98302909	3	97861987	3	97425003
4	98288148	4	97847358	4	97410504
5	98273391	5	97832733	5	97396009
6	98258639	6	97818113	6	97381519
7	98243890	7	97803496	7	97367033
8	98229147	8	97788885	8	97352551
9	98214408	9	97774277	9	97338074
				180	97323601

$5\frac{5}{8}$% Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
		30	99533437	60	99071207
1	99984377	1	99517960	1	99055874
2	99968760	2	99502488	2	99040545
3	99953147	3	99487020	3	99025220
4	99937539	4	99471557	4	99009901
5	99921936	5	99456099	5	98994586
6	99906338	6	99440646	6	98979276
7	99890744	7	99425198	7	98963971
8	99875156	8	99409755	8	98948670
9	99859572	9	99394316	9	98933375
10	99843994	40	99378882	70	98918083
1	99828420	1	99363453	1	98902797
2	99812851	2	99348029	2	98887515
3	99797287	3	99332609	3	98872239
4	99781727	4	99317194	4	98856966
5	99766173	5	99301784	5	98841699
6	99750623	6	99286379	6	98826436
7	99735079	7	99270979	7	98811178
8	99719539	8	99255583	8	98795925
9	99704004	9	99240192	9	98780676
20	99688474	50	99224806	80	98765432
1	99672948	1	99209425	1	98750193
2	99657428	2	99194048	2	98734958
3	99641912	3	99178677	3	98719729
4	99626401	4	99163310	4	98704503
5	99610895	5	99147947	5	98689283
6	99595394	6	99132590	6	98674067
7	99579897	7	99117237	7	98658856
8	99564406	8	99101889	8	98643650
9	99548919	9	99086546	9	98628448

$5\frac{5}{8}\%$ Basis.

Present Value of $1. Due in

Days		Days		Days	
90	98613251	**120**	98159509	**150**	97709924
1	98598059	1	98144456	1	97695008
2	98582871	2	98129408	2	97680098
3	98567688	3	98114365	3	97665192
4	98552510	4	98099326	4	97650290
5	98537336	5	98084291	5	97635393
6	98522167	6	98069261	6	97620500
7	98507003	7	98054236	7	97605612
8	98491844	8	98039216	8	97590729
9	98476689	9	98024200	9	97575850
100	98461538	**130**	98009188	**160**	97560976
1	98446393	1	97994182	1	97546106
2	98431252	2	97979179	2	97531240
3	98416116	3	97964182	3	97516380
4	98400984	4	97949189	4	97501523
5	98385857	5	97934200	5	97486672
6	98370735	6	97919217	6	97471825
7	98355617	7	97904237	7	97456982
8	98340504	8	97889263	8	97442144
9	98325396	9	97874293	9	97427310
110	98310292	**140**	97859327	**170**	97412481
1	98295193	1	97844366	1	97397656
2	98280098	2	97829410	2	97382836
3	98265008	3	97814458	3	97368021
4	98249923	4	97799511	4	97353210
5	98234843	5	97784568	5	97338403
6	98219767	6	97769630	6	97323601
7	98204695	7	97754697	7	97308803
8	98189629	8	97739768	8	97294010
9	98174567	9	97724843	9	97279222
				180	97264438

5¾% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99523118	60	99050764
1	99984030	1	99507301	1	99035096
2	99968066	2	99491488	2	99019433
3	99952106	3	99475680	3	99003775
4	99936152	4	99459878	4	98988121
5	99920203	5	99444080	5	98972473
6	99904258	6	99428287	6	98956830
7	99888319	7	99412500	7	98941192
8	99872385	8	99396717	8	98925559
9	99856456	9	99380940	9	98909930
10	99840532	40	99365167	70	98894307
1	99824614	1	99349399	1	98878688
2	99808700	2	99333637	2	98863075
3	99792791	3	99317879	3	98847466
4	99776888	4	99302127	4	98831862
5	99760989	5	99286379	5	98816264
6	99745096	6	99270637	6	98800670
7	99729207	7	99254899	7	98785081
8	99713324	8	99239166	8	98769497
9	99697446	9	99223439	9	98753918
20	99681573	50	99207716	80	98738343
1	99665705	1	99191999	1	98722774
2	99649842	2	99176286	2	98707210
3	99633983	3	99160578	3	98691650
4	99618131	4	99144875	4	98676096
5	99602283	5	99129178	5	98660546
6	99586440	6	99113485	6	98645001
7	99570602	7	99097797	7	98629461
8	99554769	8	99082114	8	98613926
9	99538941	9	99066436	9	98598396

5¾% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	98582871	**120**	98119379	**150**	97660224
1	98567351	1	98104004	1	97644993
2	98551836	2	98088634	2	97629766
3	98536325	3	98073269	3	97614545
4	98520819	4	98057909	4	97599328
5	98505319	5	98042553	5	97584115
6	98489823	6	98027203	6	97568908
7	98474332	7	98011857	7	97553705
8	98458846	8	97996516	8	97538507
9	98443364	9	97981179	9	97523314
100	98427888	**130**	97965848	**160**	97508126
1	98412416	1	97950521	1	97492942
2	98396950	2	97935200	2	97477763
3	98381488	3	97919882	3	97462589
4	98366031	4	97904570	4	97447419
5	98350579	5	97889263	5	97432254
6	98335132	6	97873960	6	97417094
7	98319689	7	97858662	7	97401939
8	98304252	8	97843369	8	97386788
9	98288819	9	97828081	9	97371642
110	98273391	**140**	97812797	**170**	97356501
1	98257968	1	97797518	1	97341364
2	98242550	2	97782244	2	97326232
3	98227137	3	97766975	3	97311105
4	98211728	4	97751711	4	97295982
5	98196324	5	97736451	5	97280865
6	98180926	6	97721196	6	97265752
7	98165532	7	97705946	7	97250643
8	98150142	8	97690700	8	97235540
9	98134758	9	97675460	9	97220441
				180	97205346

5⅞% Basis.

Present Value of $1. Due in

Days		Days		Days	
		30	99512802	60	99030328
1	99983683	1	99496644	1	99014326
2	99967372	2	99480491	2	98998329
3	99951066	3	99464343	3	98982338
4	99934765	4	99448201	4	98966351
5	99918469	5	99432063	5	98950370
6	99902179	6	99415931	6	98934394
7	99885894	7	99399805	7	98918423
8	99869615	8	99383683	8	98902457
9	99853340	9	99367567	9	98886497
10	99837071	40	99351456	70	98870541
1	99820808	1	99335350	1	98854591
2	99804549	2	99319249	2	98838646
3	99788296	3	99303154	3	98822706
4	99772049	4	99287064	4	98806771
5	99755806	5	99270979	5	98790841
6	99739569	6	99254899	6	98774917
7	99723337	7	99238824	7	98758997
8	99707110	8	99222755	8	98743083
9	99690889	9	99206691	9	98727174
20	99674673	50	99190632	80	98711270
1	99658462	1	99174578	1	98695371
2	99642257	2	99158530	2	98679477
3	99626056	3	99142486	3	98663587
4	99609861	4	99126448	4	98647704
5	99593672	5	99110415	5	98631826
6	99577487	6	99094387	6	98615952
7	99561308	7	99078365	7	98600084
8	99545134	8	99062347	8	98584221
9	99528965	9	99046335	9	98568363

5⅞% Basis.

Present Value of $1. Due in

DAYS		DAYS		DAYS	
90	98552510	**120**	98079281	**150**	97610575
1	98536662	1	98063585	1	97595028
2	98520819	2	98047894	2	97579487
3	98504982	3	98032208	3	97563950
4	98489149	4	98016527	4	97548419
5	98473322	5	98000851	5	97532892
6	98457499	6	97985180	6	97517370
7	98441682	7	97969514	7	97501854
8	98425870	8	97953853	8	97486342
9	98410062	9	07938197	9	97470835
100	98394260	**130**	97922546	**160**	97455333
1	98378463	1	97906900	1	97439836
2	98362671	2	97891259	2	97424344
3	98346884	3	97875623	3	97408857
4	98331103	4	97859992	4	97393375
5	98315326	5	97844366	5	97377897
6	98299554	6	97828745	6	97362425
7	98283788	7	97813129	7	97346957
8	98268026	8	97797518	8	97331495
9	98252270	9	97781912	9	97316037
110	98236518	**140**	97766311	**170**	97300584
1	98220772	1	97750715	1	97285137
2	98205030	2	97735124	2	97269694
3	98189294	3	97719538	3	97254256
4	98173563	4	97703957	4	97238823
5	98157836	5	97688381	5	97223394
6	98142115	6	97672810	6	97207971
7	98126399	7	97657243	7	97192553
8	98110688	8	97641682	8	97177139
9	98094982	9	97626126	9	97161730
				180	97146327

6% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
		30	99502488	60	99009901
1	99983336	1	99485989	1	98993565
2	99966678	2	99469496	2	98977235
3	99950025	3	99453008	3	98960910
4	99933378	4	99436526	4	98944591
5	99916736	5	99420050	5	98928277
6	99900100	6	99403579	6	98911968
7	99883469	7	99387113	7	98895665
8	99866844	8	99370653	8	98879367
9	99850225	9	99354198	9	98863075
10	99833611	40	99337748	70	98846787
1	99817002	1	99321304	1	98830506
2	99800399	2	99304866	2	98814229
3	99783802	3	99288433	3	98797958
4	99767210	4	99272005	4	98781692
5	99750623	5	99255583	5	98765432
6	99734043	6	99239166	6	98749177
7	99717467	7	99222755	7	98732927
8	99700897	8	99206349	8	98716683
9	99684333	9	99189949	9	98700444
20	99667774	50	99173554	80	98684211
1	99651221	1	99157164	1	98667982
2	99634673	2	99140780	2	98651759
3	99618131	3	99124401	3	98635542
4	99601594	4	99108028	4	98619329
5	99585062	5	99091660	5	98603122
6	99568536	6	99075297	6	98586921
7	99552016	7	99058940	7	98570724
8	99535501	8	99042588	8	98554534
9	99518992	9	99026242	9	98538348

6% Basis.

Present Value of $1. DUE IN

DAYS		DAYS		DAYS	
90	98522167	120	98039216	150	97560976
1	98505992	1	98023199	1	97545115
2	98489823	2	98007187	2	97529259
3	98473658	3	97991181	3	97513408
4	98457499	4	97975180	4	97497563
5	98441345	5	97959184	5	97481722
6	98425197	6	97943193	6	97465887
7	98409054	7	97927207	7	97450057
8	98392916	8	97911227	8	97434232
9	98376783	9	97895252	9	97418412
100	98360656	130	97879282	160	97402597
1	98344534	1	97863318	1	97386788
2	98328417	2	97847358	2	97370983
3	98312305	3	97831404	3	97355184
4	98296199	4	97815455	4	97339390
5	98280098	5	97799511	5	97323601
6	98264003	6	97783572	6	97307817
7	98247912	7	97767639	7	97292038
8	98231827	8	97751711	8	97276265
9	98215747	9	97735788	9	97260496
110	98199673	140	97719870	170	97244733
1	98183603	1	97703957	1	97228974
2	98167539	2	97688049	2	97213221
3	98151480	3	97672147	3	97197473
4	98135427	4	97656250	4	97181730
5	98119379	5	97640358	5	97165992
6	98103336	6	97624471	6	97150259
7	98087298	7	97608590	7	97134531
8	98071265	8	97592713	8	97118809
9	98055238	9	97576842	9	97103091
				180	97087379

Interest on $100. 360 Days per Annum.

DAYS	2½%	3%	3½%	4%	4½%	5%	6%	7%	DAYS
1	·00694444	·00833333	·00972222	·01111111	·01250000	·01388889	·01666667	·01944444	1
2	·01388889	·01666667	·01944444	·02222222	·02500000	·02777778	·03333333	·03888889	2
3	·02083333	·02500000	·02916667	·03333333	·03750000	·04166667	·05000000	·05833333	3
4	·02777778	·03333333	·03888889	·04444444	·05000000	·05555556	·06666667	·07777778	4
5	·03472222	·04166667	·04861111	·05555556	·06250000	·06944444	·08333333	·09722222	5
6	·04166667	·05000000	·05833333	·06666667	·07500000	·08333333	·10000000	·11666667	6
7	·04861111	·05833333	·06805555	·07777778	·08750000	·09722222	·11666667	·13611111	7
8	·05555556	·06666667	·07777778	·08888889	·10000000	·11111111	·13333333	·15555556	8
9	·06250000	·07500000	·08750000	·10000000	·11250000	·12500000	·15000000	·17500000	9
10	·06944444	·08333333	·09722222	·11111111	·12500000	·13888889	·16666667	·19444444	10
11	·07638889	·09166667	·10694444	·12222222	·13750000	·15277778	·18333333	·21388889	11
12	·08333333	·10000000	·11666667	·13333333	·15000000	·16666667	·20000000	·23333333	12
13	·09027778	·10833333	·12638889	·14444444	·16250000	·18055556	·21666667	·25277778	13
14	·09722222	·11666667	·13611111	·15555556	·17500000	·19444444	·23333333	·27222222	14
15	·10416667	·12500000	·14583333	·16666667	·18750000	·20833333	·25000000	·29166667	15
16	·11111111	·13333333	·15555556	·17777778	·20000000	·22222222	·26666667	·31111111	16
17	·11805556	·14166667	·16527778	·18888889	·21250000	·23611111	·28333333	·33055556	17